

Mr. Jerry Banks, Chief Hazardous Waste Division Office of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385

November 1, 2000

Re: Cedar Chemical Corporation, MSD 990714081 Consent Decree and RCRA Facility Investigation Progress Report Number One-Hundred-Three

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

XC:

Mr. Keen

Mr. Maione, Burch, Porter & Johnson

Mr. Karkkainen, URS

File

Steven T. Boswell Director of Env. Affairs



Dr. Judy Sophianopoulos Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV Mailcode 4WD-RCRA 61 Forsyth Street, SW Atlanta, Georgia 30303

November 1, 2000

Re: Cedar Chemical Corporation, MSD990714081 Consent Decree and RCRA Facility Investigation Progress Report Number One-Hundred-Three

Dear Dr. Sophianopoulos:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number One-Hundred-Three for the month of October, 2000. The report will track the items required to be reported as described in the Decree and Scopes of Work.

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill is has revived following rain in early October. The eroded area identified on the west side of the Old Landfill in the previous report has not enlarged.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

A work order to back-fill the area mentioned above has been completed.

Changes in Personnel

None.

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
Z 442 293 412

Projected Work for the Month

Review of results from the sampling conducted in October will be made prior to submittal to EPA and MSDEQ. A revised Interim Corrective Measures Plan for SWMUs 11, 12 and 15 is in preparation.

Results of Sampling and Analysis Activities during the Report Period

Results of analysis of samples of soil and groundwater taken at five locations in SWMU 2 (incorrectly identified as SWMU 3 in the September report) during August have been received and a report of that sampling is included here.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

Steven T. Boswell Director of Env. Affairs

xc: Mr. Keen

Mr. Malone, Burch, Porter & Johnson

Mr. Karkkainen, URS-Greiner

Mr. Jerry Banks, MSDEQ

File

Memo To: File

November 1, 2000

From: Steve Boswell

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has been modified to hold a 1.5 acre bermed area to receive sediment from the South Pond. A decant pipe is installed to the south end of the "B" Pond for dewatering of the area. Dry weather has resumed, but temperatures are much moderated from summer levels, reducing stress on vegetation.

Sediment removed from the South Pond is de-watered and is drying. Grass colonization is continuing around and into the area. The area remains diked to conduct runoff to the South Pond.

November, 2000

Black - Man-made feature

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 10-24-00 TO 10-30-00

fighting equ	-	of drums, acces	s, fire
Date inspect Results of i	ed <u>/0-24-00</u> In	spected by <u>Z</u>	STAMES
or two feet. sloughing.	Record level d Inspect dike Report faster t to Maintenance	daily for washi han normal loss	of 1 vel
against dike	for build-up of in a flood. W grass height is	rite a work ord	ould hold water er for grass
	POND LEVEL	INITIALS	
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10-25-00	<u>-4.7</u>	<u> </u>	to:
10-26-00	4'5"	ALW ALW	Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.
10-28-00	5'2"	mx	
10-29.00	5 ' 3 ''	10	
Results of week:	ly inspection ar	nd actions taken	
		·	

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 10-16 TO 10-22

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2.	sloughing.	nspect qı. Report faste	l daily, keep a mi ke daily for wash: r than normal loss ce and Environment	ng, sabiling,
	adarner ork	for build-up e in a flood. grass height	of debris which c	ould hold water er for grass
	DATE	POND LEVEL	INITIALS	
	DATE 10/16/00 10/17/00			Report needs for corrective action to:
/	DATE 10/16/00	90ND LEVEL 4'1 4'1 4 3'10" 7'1'		corrective action
/	DATE 10/16/00 10/17/00 0/18/00 0/19/00	POND LEVEL 4' 4' 4		Corrective action to: Maintenance Planner Shift Superisor South Plant Supervisor

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 10-9 to 10-16

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sloughin immediat Check cr against	nd - Record level deet. Inspect dike g. Report faster tely to Maintenance eek for build-up of dike in a flood. When grass height is	daily for washi han normal loss and Environment debris which c rite a work ord	ng, sacing, of livel al.
DATE	POND LEVEL	·INITIALS	
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10-10	3' 11''	54	corrective action to:
10-11	3' 11"	ゴイ	Maintenance Planner
10-12	3' /5"	<u> </u>	Shift Superisor South Plant Supervisor
- <u> </u>	3'8''	14	Environmental Dept.
10/14/00	3'8	ンム	
10/15/00	3'10"	JL	
Results of (weekly inspection an	nd actions take	n :
10:12			

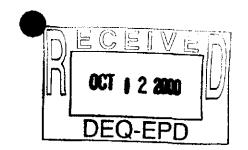
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10-13

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 10-2-0 TO 10-8-0

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	Results of	inspection	OK	
2.	sloughing.	 Inspect dix Report faster 	daily, keep a mi e daily for wash: than normal loss e and Environment	ng, sabiling,
	agarner atv	for build-up of in a flood. grass height	of debris which co Write a work orders is excessive.	ould hold water er for grass
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<u> 10</u>	-3-00	4'3"	RW	corrective action to:
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10	-5-05	4/2"	kw	Shift Superisor South Plant Supervisor
10	1-6-00	<u> </u>	RU	Environmental Dept.
10	-7-00	FX4'2"	3K	
10	1-8-00	4'2"	5K	
	ults of week	ly inspection	and actions taken	:
	ults of week	ly inspection	and actions taken	<u>.</u>





Dr. Judy Sophianopoulos Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV Mailcode 4WD-RCRA 61 Forsyth Street, SW Atlanta, Georgia 30303

October 6, 2000

Re: Cedar Chemical Corporation, MSD990714081 Consent Decree and RCRA Facility Investigation Progress Report Number One-Hundred-Two

Dear Dr. Sophianopoulos:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number One-Hundred-Two, for the month of September, 2000. The report will track the items required to be reported as described in the Decree and Scopes of Work.

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill is has revived following recent rain. An eroded area was identified on the west side of the Old Landfill.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

A work order to back-fill the area mentioned above has been written.

Changes in Personnel

None.

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
Z 442 293 404

Projected Work for the Month

Sampling of soil will be conducted at the various SWMUs described in the Workplan recently approved by EPA. Work is in progress as of this writing and will likely continue through October 9, 2000.

Results of Sampling and Analysis Activities during the Report Period

Results of analysis of samples of soil and groundwater taken at five locations in SWMU 3 during August have been received and a report of that sampling is being prepared.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

Steven T. Boswell Director of Env. Affairs

1 Essell

xc: Mr. Keen

Mr. Malone, Burch, Porter & Johnson

Mr. Karkkainen, URS-Greiner Mr. Jerry Banks, MSDEQ V

File

Memo To: File

October 6, 2000

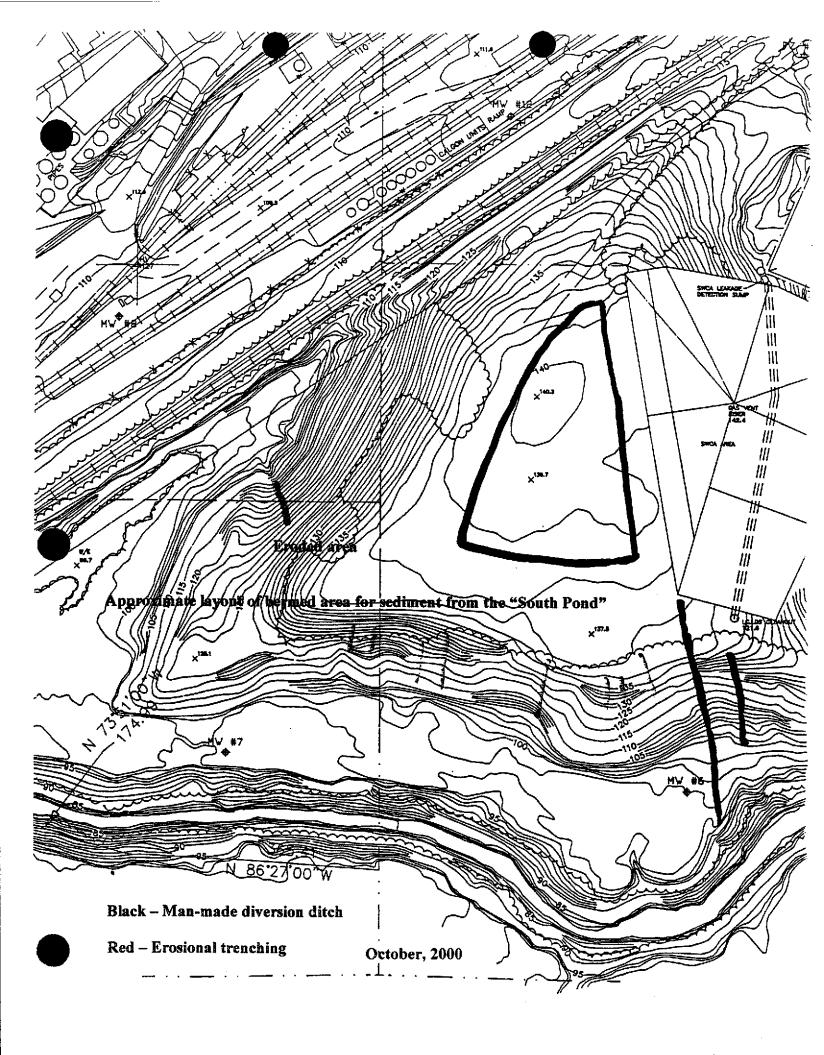
From: Steve Boswell

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in overall good condition, and recent rain has revived grass growth.. The top surface of the Old Landfill has been modified to hold a 1.5 acre bermed area to receive sediment from the South Pond. A decant pipe is installed to the south end of the "B" Pond for dewatering of the area.

An eroded area was identified during recent sampling on the west side of the landfill. Several empty, rusted and partly crushed drums were found. The drums will be triple rinsed and crushed for recycling. The eroded area will be backfilled with clean soil. No color or odor was noted in or around the drums. Vegetation in the area appears healthy. The area down-slope of the drums was sampled as part of the RFI investigation.

Sediment removed from the South Pond is de-watered and is drying. Some grass colonization is occurring already around the edges of the area. The area remains diked to conduct runoff to the South Pond.



HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 9.25.00 to

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of two reet. Inspect dike daily for washing, sac.	
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Check creek for build-up of debris which could hol against dike in a flood. Write a work order for g mowing when grass height is excessive.	ld water grass
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$\frac{24-00}{27-09} \frac{32}{33} \frac{Z.5}{Z.5}$ correct to:	
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South .	Plant Supervi nmental Dept.
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12-1-00 38" RW	

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hazardous waste area inspection sheet for the week of 9-1/ to 9-17.00

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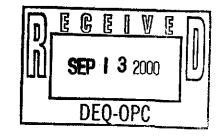
HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 9-40-20 TO 9-10-20

2. South Pond - Record level daily, keep of two feet. Inspect dike daily for a sloughing. Report faster than normal immediately to Maintenance and Environ Check creek for build-up of debris whi against dike in a flood.	ashing, sacring,
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hazardous waste area inspection sheet for the week of 08-21 to 9-3-00

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\$-31-00 4111	RIV	Shift Superisor South Plant Supervisor
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SAME		





Mr. Jerry Banks, Chief Hazardous Waste Division Office of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385

September 8, 2000

Re: Cedar Chemical Corporation, MSD 990714081 Consent Decree and RCRA Facility Investigation Progress Report Number One-Hundred-One

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

XC:

Mr. Keen

Mr. Malone, Burch, Porter & Johnson

Mr. Karkkainen, URS

File

Steven T. Boswell Director of Env. Affairs

Boswall

Dr. Judy Sophianopoulos Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV Mailcode 4WD-RCRA 61 Forsyth Street, SW Atlanta, Georgia 30303

September 8, 2000

Re: Cedar Chemical Corporation, MSD990714081 Consent Decree and RCRA Facility Investigation Progress Report Number One-Hundred-One

Dear Dr. Sophianopoulos:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number One-Hundred-One, for the month of August, 2000. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill is normal for the season, albeit a very dry season.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

Sediment accumulated in the "South Pond" was pumped as a slurry to the top of SWMU 3 in an effort to remove phosphate containing material from the pond. Water from the pumping was decanted back to the pond. The placement of the sediment should maintain and enhance a good vegetative cover on the unit.

Changes in Personnel

None.

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
Z 442 293 396

Projected Work for the Month

Pending receipt of EPA's approval of the RFI Workplan Draft, sampling of the various SWMUs will begin.

Results of Sampling and Analysis Activities during the Report Period

None at this time. Samples of soil and groundwater at five locations were obtained in SWMU 3 during August.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

Steven T. Boswell Director of Env. Affairs

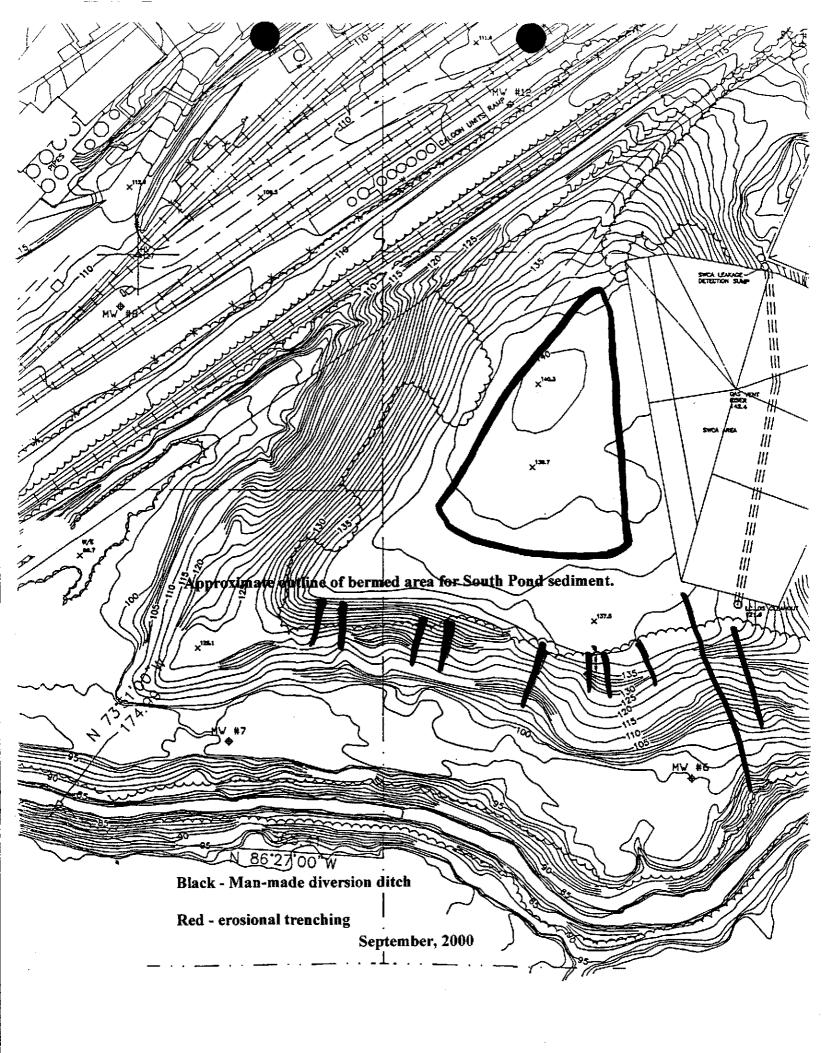
xc: Mr. Keen

Mr. Malone, Burch, Porter & Johnson

Mr. Karkkainen, URS-Greiner

Mr. Jerry Banks, MSDEQ V

File



Memo To: File

September 8, 2000

From: Steve Boswell

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition, however, vegetation is very dry. The top surface of the Old Landfill has been modified to hold a 1.5 acre bermed area to receive sediment from the South Pond. A decant pipe is installed to the south end of the "B" Pond for dewatering of the area.

Sediment removed from the South Pond is de-watered and is drying. Some grass colonization is occurring already around the edges of the area. The area remains diked to conduct runoff to the South Pond should rain ever fall.

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 08-28 to 9-3-00

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28-30			5K	to:
4-31-	00 4111		Plat	Maintenance Planner Shift Superisor
9-1-	00		Tre	South Plant Supervisor Environmental Dept.
7-2-	02 3/4	, ,	DW	•
9-3-	7.7	<i>1</i> - <i>y</i> /	RW	
Results	of weekly inspec	ction and ac	tions taken	:
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Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip. Date inspected 8/2/ Inspected by Results of inspection / Check daily of inspection / Check daily for washing, sacring, sloughing. Report faster than normal loss of livel immediately to Maintenance and Environmental. Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive. DATE POND LEVEL INITIALS	ighting equip. ate inspected 8/2/ Inspected by Australia esults of inspection August Inspected by Australia esults of inspection August Inspect diversity for washing, sacring, oughing. Report faster than normal loss of livel mediately to Maintenance and Environmental. eck creek for build-up of debris which could hold water ainst dive in a flood. Write a work order for grass wing when grass height is excessive. DATE POND LEVEL INITIALS 2/2/8/3/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1	South Pond - Record level daily, keep a minimum francoard of two feet. Inspect dike daily for washing, saling, sloughing. Report faster than normal loss of livel immediately to Maintenance and Environmental. Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive. DATE POND LEVEL INITIALS 8/2/ 8/27 8/3" Maintenance Planne Shift Superisor South Plant Superv Environmental Dept	Results of inspection South Pond - Record level daily, keep a minimum freecoard of two feet. Inspect dike daily for washing, saccing, sloughing. Report faster than normal loss of livel immediately to Maintenance and Environmental. Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive. 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DATE POND LEVEL INITIALS 8/2/ 8/2/ 8/3" Report needs for corrective action to: 8/73 8/3" Maintenance Planne Shift Superisor South Plant Supery	South Pond - Record level daily, keep a minimum fractionard of two feet. Inspect dike daily for washing, sacring, sloughing. Report faster than normal loss of livel immediately to Maintenance and Environmental. Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive. DATE POND LEVEL INITIALS 8/2/ 8/2/ 8/3" Report needs for corrective action to: 8/73 8/3" Maintenance Planne Shift Superisor South Plant Supery	South Pond - Record level daily, keep a minimum fractionard of two feet. Inspect dike daily for washing, sacring, sloughing. Report faster than normal loss of livel immediately to Maintenance and Environmental. Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive. DATE POND LEVEL INITIALS 8/2/ 8/2/ 8/3" Report needs for corrective action to: 8/73 8/3" Maintenance Planne Shift Superisor South Plant Supery	South Pond - Record level daily, keep a minimum fraction of two feet. Inspect dike daily for washing, sacring, sloughing. Report faster than normal loss of livel immediately to Maintenance and Environmental. Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive. DATE POND LEVEL INITIALS 8/21 8'3" Report needs for corrective action to: 8/73 8'3" Maintenance Planne Shift Superisor South Plant Supery	South Pond - Record level daily, keep a minimum fraccard of two feet. Inspect dike daily for washing, sacring, sloughing. Report faster than normal loss of livel immediately to Maintenance and Environmental. Check creek for build-up of debris which could hold water against dike in a flood. 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3//20 V	73 8'3" J.L Maintenance Planne Shift Superisor South Plant Superv	8/23 8'3" 3/L Maintenance Planne Shift Superisor South Plant Superv Environmental Dept	8/23 8'3"), L Maintenance Planne 8/24 7'5" J.L Shift Superisor South Plant Superv Environmental Dept	8/23 8'3"), L Maintenance Planne Shift Superisor South Plant Superi	8/23 8'3" 3/4 7'5" Shift Superisor South Plant Superv	8/23 8'3" 3/4 7'5" Shift Superisor South Plant Superv	8/23 8'3"), L Maintenance Planne 8/24 7'5" J.L Shift Superisor South Plant Superv Environmental Dept	8/23 8'3"), L Maintenance Planne 8/24 7'5" J.L Shift Superisor South Plant Superv Environmental Dept	8/23 8'3" 3/4 7'5" Shift Superisor South Plant Superv	8/23 8'3"), L Maintenance Planne 8/24 7'5" J.L South Plant Superv	8/23 8'3"), L Maintenance Planne 8/24 7'5" J.L South Plant Superv	8/23 8'3"), L Maintenance Planne 8/24 7'5" J.L South Plant Superv	8/23 8'3"), L Maintenance Planne 8/24 7'5" J.L South Plant Superv	8/23 8'3" 3/L Maintenance Planne Shift Superisor South Plant Superv	8/23 8'3"), L Maintenance Planne 8/24 7'5" J.L South Plant Superv	8/23 8'3").L Maintenance Planne 8/24 7'5" 1 Shift Superisor	8/23 8'3").L Maintenance Planne 8/24 7'5" 1 Shift Superisor	8/23 8'3" 3/4 7'5" Shift Superisor South Plant Supery	8/23 8'3" 3/4 7'5" Shift Superisor South Plant Supery	8/23 8'3" 3/4 7'5" Shift Superisor South Plant Supery	8/23 8'3" 3/4 7'5" Shift Superisor South Plant Superi	8/23 8'3" 3/L Maintenance Planne Shift Superisor South Plant Superi	8/23 8'3"), L Maintenance Planne Shift Superisor South Plant Superv Environmental Dept	8/23 8'3"), L Maintenance Planne 8/24 7'5" J.L Shift Superisor South Plant Superv Environmental Dept	8/23 8'3" 8/24 7'5" 8/25 8/26 7'4 T-S to: Maintenance Planne Shift Superisor South Plant Superv Environmental Dept	8/23 8'3" 8/24 7'5" 8/25 8/26 7'4 T.S to: Maintenance Planne Shift Superisor South Plant Superv Environmental Dept	Check creagainst of mowing wh	eek for build-up of like in a flood. Wi nen grass height is	debris which crite a work ord excessive.	cal. could hold water der for grass
to:	Maintenance Planne 24 7/5" J.L Shift Superisor South Plant Superv	8/24 7/5" 8/25 Maintenance Planne Shift Superisor South Plant Superv Environmental Dept	8/24 7/5" 8/25 Maintenance Planne Shift Superisor South Plant Superv Environmental Dept	8/24 7/5" Maintenance Planne Shift Superisor South Plant Superior	8/24 7/5" Maintenance Planne Shift Superisor South Plant Superv	8/24 7/5" Maintenance Planne Shift Superisor South Plant Superv	8/24 7/5" 8/25 Maintenance Planne Shift Superisor South Plant Superv Environmental Dept	8/24 7/5" 8/25 Maintenance Planne Shift Superisor South Plant Superv Environmental Dept	8/24 7/5" Maintenance Planne Shift Superisor South Plant Superv	8/24 7/5" Maintenance Planne Shift Superisor South Plant Superv	8/24 7/5" Maintenance Planne Shift Superisor South Plant Superv	8/24 7/5" Maintenance Planne Shift Superisor South Plant Superv	8/24 7/5" Maintenance Planne Shift Superisor South Plant Superv	8/24 7/5" Maintenance Planne Shift Superisor South Plant Superv	8/24 7/5" Maintenance Planne Shift Superisor South Plant Superv	8/24 7/5" Maintenance Planne Shift Superisor	8/24 7/5" Maintenance Planne Shift Superisor	8/24 7/5" Maintenance Planne Shift Superisor South Plant Superv	8/24 7/5" Maintenance Planne Shift Superisor South Plant Superv	8/24 7/5" Maintenance Planne Shift Superisor South Plant Superv	8/24 7/5" Maintenance Planne Shift Superisor South Plant Superior	8/24 7'5" Maintenance Planne Shift Superisor South Plant Superior	8/24 7/5" 8/25 Maintenance Planne Shift Superisor South Plant Superior Environmental Dept	8/24 7/5" 8/25 Maintenance Planne Shift Superisor South Plant Superv Environmental Dept	8/24 7'5" 8/25 Maintenance Planne Shift Superisor South Plant Superv Environmental Dept	8/24 7'5" 8/25 Maintenance Planne Shift Superisor South Plant Superv Environmental Dept 8/26 7'4 T-S	Check creagainst of mowing who DATE	eek for build-up of like in a flood. Wi nen grass height is	debris which crite a work ord excessive.	cal. could hold water der for grass Report needs for
8/23 8'3"	24 75" Shift Superisor South Plant Superv	8/24 7/5" Shift Superisor South Plant Superv Environmental Dept	8/24 7/5" J.C. Shift Superisor South Plant Superv Environmental Dept	8/24 7/5" Shift Superisor South Plant Superi	8/24 7/5" Shift Superisor South Plant Superv	8/24 7/5" Shift Superisor South Plant Superv	8/24 7/5" Shift Superisor South Plant Superv Environmental Dept	8/24 7/5" J.C. Shift Superisor South Plant Superv Environmental Dept	8/24 7/5" Shift Superisor South Plant Superv	8/24 7/5" Shift Superisor South Plant Superv	8/24 7/5" Shift Superisor South Plant Superv	8/24 7/5" Shift Superisor South Plant Superv	8/24 7/5" Shift Superisor South Plant Superv	8/24 7/5" Shift Superisor South Plant Superv	8/24 7/5" Shift Superisor South Plant Superv	8/24 $7/5$ Shift Superisor	8/24 $7/5$ Shift Superisor	8/24 7/5" Shift Superisor South Plant Superv	8/24 7/5" Shift Superisor South Plant Superv	8/24 7/5" Shift Superisor South Plant Superv	8/24 7/5" Shift Superisor South Plant Superv	8/24 7'5" Shift Superisor South Plant Superi	8/24 7/5" J.C. Shift Superisor South Plant Superior Environmental Dept	8/24 7/5" J.C. Shift Superisor South Plant Superv Environmental Dept	8/24 75" Shift Superisor South Plant Superv Environmental Dept 8/26 7'4 T-S	8/24 75" Shift Superisor South Plant Superv Environmental Dept 8/26 7'4 T-S	Check creagainst of mowing who DATE	eek for build-up of like in a flood. Wi nen grass height is	debris which crite a work ord excessive.	cal. could hold water ler for grass Report needs for corrective action
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South Plant Supe	** *** *** *** *** *** *** *** *** ***			O/J) ANVITURMENTAL DANK		O/AS Environmental Dept			O/J>	()/,15 ENVITORMENTS: NAME	UNVITORMENTAL DANK	O/J>	O/J) DANTONDENTAL NAM+		Y/a-	2/a	7/a	The state of the s		O/J)	DO DE LIVITORMENTAL Dept				8/26 714 IS	8/26 714 IS	Check creagainst of mowing who DATE	eek for build-up of like in a flood. Write in a flood with the second se	debris which crite a work ord excessive.	cal. could hold water der for grass Report needs for corrective action to: Maintenance Planne
7/2							27 (a)								_O/2> Environmental Dept	O/#> PAVITORMENTA: NAM+	O/J) ANVITURMENTAL DANK	_O/J> Environmental Dept						X121, 714			Check creagainst of mowing who DATE 8/2/ 8/22 8/23	eek for build-up of like in a flood. Write in a flood with the second se	debris which crite a work ord excessive.	cal. could hold water der for grass Report needs for corrective action to: Maintenance Planne Shift Superisor South Plant Super
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8/26 7'4 T.S	6.2				4:2				4:2						8/26 714 IS	8/26 714 IS	8/26 714 IS	8/26 714 IS	4:2	4:2	4:2	4/2	4/2		8/27	$\mathcal{L}(\mathcal{L})$	Check creagainst of mowing who DATE 8/2/8/22 8/23 8/24 8/25	eek for build-up of like in a flood. Write in a flood with the second se	debris which crite a work ord excessive.	cal. could hold water der for grass Report needs for corrective action to: Maintenance Planne Shift Superisor South Plant Super
8/25 Environmental De	6.2	8/27 115 = 6	8/27 115 = 6	8/27 115 76	4:2	8/27 115 = 6	8/27 115 = 6	8/27 115 = 6	4:2						8/26 714 IS	8/26 714 IS	8/26 714 IS	8/26 714 IS	4:2	4:2	4:2	4/2	4/2	8/27 115 -6	O(F)		Check creagainst of mowing who DATE 8/2/8/22 8/23 8/24 8/25	eek for build-up of like in a flood. Write in a flood with the second se	debris which crite a work ord excessive.	cal. could hold water der for grass Report needs for corrective action to: Maintenance Planne Shift Superisor South Plant Super

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 8-14 TO 8-21-00

		FOR THE WEEK O	F 5 17 TO	5 7100
1.	fighting		of drums, acces	s, fire
	Date ins	pected 08-14-0 In	spected by 5.4	Klang 2
	Results	of inspection $5/6$	ow. Relens	se Bldg.
2.	sloughing	nd - Record level da eet. Inspect dike o g. Report faster ti ely to Maintenance a	laily for washi: lan normal loss	ng, sabilag, of lival
	against	eek for build-up of dike in a flood. Wi hen grass height is	cite a work orde	ould hold water er for grass
	DATE	POND LEVEL	INITIALS	
_0	8-14-	00 \$5'10"	J K	Report needs for
0	8-15-	00 = 6'9"	5K	corrective action to:
0	8-16 -	-00 = 7'5"	58	Maintenance Planner
0	8-17-0	10 = 76"	a.10	Shift Superisor
0	9-19-0	7) 2		South Plant Supervisor Environmental Dept.
09	1.27-0	0 8.7	J. L	
	820/01	S'7"	J. L	
Resi	ılts of w	reekly inspection an	d actions taken	*
7	enco	To Down.		

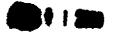
HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 8-7-00 to 8-/3-00

		-	10	<u> </u>
1.	Drums in Check dat fighting	lane: na	e - Inspect weekly no. of drums, acce	for leaks. ss, fire
	Date insp	ected	_ Inspected by	
		f inspection		
2.	sloughing	. Report fact	el daily, keep a mi ike daily for wash: er than normal loss nce and Environment	agy saa caag,
	#	-169 -11 0 11000	of debris which c Write a work ord is excessive.	ould hold water er for grass
	DATE	POND LEVEL	INITIALS	
R	-7-00	3'10"	ph,	Report needs for
8	-8-00	3'4"	PW	corrective action
<u> </u>	-9-oc	3'5"	RW	Maintenance Planner
8	-10-00	3'6"	RW	Shift Superisor South Plant Supervisor
8	-11-00	3'7"	RW	Environmental Dept.
	.12.00	4'10"	1.4720	
-6.	13-00	4'10"	Milino	
_			Y	
Rest	ilts of we	ekly inspection	and actions taken	:
		<u> </u>	tence Ne	eds Fixed
		whe	N CONSTRUCTIO	n 15 Finishlod
				•

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 8-500

		pected $\frac{2+90}{1}$ In	ispected by $\overline{\mathcal{I}_{i}}$	<u>STAMPS</u>
		- Inspection		
				
_	Canal =			
4.	sloughing	d - Record level det. Inspect dike	daily for washi	ng, santing,
	immediate	ly to Maintenance	and Environment	cal.
٠	abatuat a	ek for build-up of ike in a flood. W en grass height is	TITA a work and	ould hold water er for grass
		POND LEVEL	INITIALS	
2 / /	DATE	. —	INTITUTE	
	H-00	31511	Z, S	Report needs for
		. —		Report needs for corrective action to:
1 8	H-00	. —		corrective action to:
1 8	200 200	. —		corrective action to: Maintenance Planne Shift Superisor
1 8	200 200	3'5" 3'0" 3'5"		corrective action to: Maintenance Planne
1 8	200 200	3'5" 3'0" 3'5" 2'9" 3'4" 3'16"		corrective action to: Maintenance Planne Shift Superisor South Plant Supery
1 8 2 8 8 9 5 8	200 200	3'5" 3'0" 3'5" 2'9" 3'4"		corrective action to: Maintenance Planne Shift Superisor South Plant Supery





Mr. Jerry Banks, Chief Hazardous Waste Division Office of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385

August 9, 2000

Re: Cedar Chemical Corporation, MSD 990714081 Consent Decree and RCRA Facility Investigation Progress Report Number One-Hundred

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

xc: Mr. Miles

Mr. Keen

Mr. Malone, Burch, Porter & Johnson

Mr. Karkkainen, URS

File

Steven T. Boswell Director of Env. Affairs

T. Bornell

Dr. Judy Sophianopoulos Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV Mailcode 4WD-RCRA 61 Forsyth Street, SW Atlanta, Georgia 30303

1 300

August 9, 2000

Re: Cedar Chemical Corporation, MSD990714081 Consent Decree and RCRA Facility Investigation Progress Report Number One-Hundred

Dear Dr. Sophianopoulos:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number One-Hundred, for the month of July, 2000. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill is normal for the season, albeit a very dry season.

Summary of Changes made to the IM and RFI during the Reporting Period

A response to EPA comments on the "Amended and Supplemental Groundwater Assessment Workplan" was prepared.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None needed.

Changes in Personnel

None.

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
Z 442 293 391

Projected Work for the Month

Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared. Sampling of SWMU 3 is set to commence in early August. Three to five locations will be sampled by coring with a Geoprobe apparatus. Groundwater samples will be obtained in addition to soil samples.

Results of Sampling and Analysis Activities during the Report Period

None at this time.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

Steven T. Boswell Director of Env. Affairs

xc: Mr. Keen

Mr. Malone, Burch, Porter & Johnson

Mr. Karkkainen, URS-Greiner

Mr. Jerry Banks, MSDEQ

File

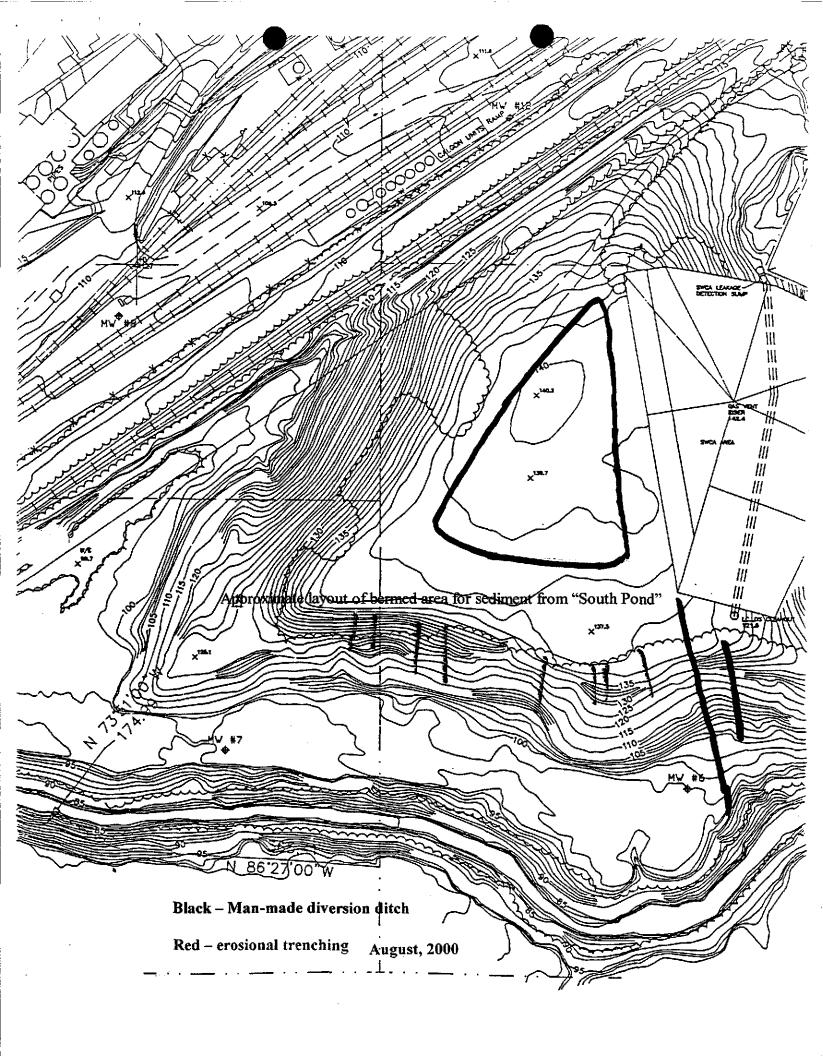
Memo To: File

August 9, 2000

From: Steve Boswell

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition, however, vegetation is very dry. The top surface of the Old Landfill has been modified to hold a 1.5 acre bermed area to receive sediment from the South Pond. A decant pipe is installed to the south end of the "B" Pond for dewatering of the area.



HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF $\frac{12000}{12000}$ to $\frac{7/2100}{10000}$

or inspe	ction <u>G</u>	nod	
South Pond - Record two feet. In sloughing. Report to M	spect dike d It faster th	laily for wash: an normal los:	s of l√yel
	build-up of a flood. Wr	debris which o	could hold water
•	LEVEL	INITIALS	
1-126150			Report needs for corrective action
6/27/00		J.L_	to:
6/28/00		<u> </u>	Maintenance Planne Shift Superisor
6/79/00			South Plant Superv Environmental Dept
6/36/00 0	3'2"	1,4	
71/100	3 2 3'4"	<i>I</i> ,5	
7/2/00	- <i>/ / / / / /</i>	I15	

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF $\frac{7/3/00}{7/9/00}$ to $\frac{7/9/00}{10}$

	of inspection	G000	
sloughing immediate Check cre against d	This pect dike it. Report faster to the Maintenance sek for build-up of like in a flood.	laily, keep a minimu daily for washing, han normal loss of and Environmental. debris which could rite a work order f	Salving, Livel
mowing wh	en grass height is	excessive.	or grass
-3-00	3'3''	INITIALS Z.S Re	
4-90	315"	Co	port needs for rective action
	101	to	:
5-00	7 7		•
-6-00	3'8'	Sh:	intenance Planner ift Superisor
-6-00	3 'E'		intenance Planner ift Superisor ith Plant Supervi vironmental Dept.
	3 8		ift Superisor ith Plant Supervi

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF $7-/0-\infty$ to $7-/0-\infty$

Date inspe	ctedI	of drums, acces	ss, fire
	inspection		
sloughing.	- Record level d t. Inspect dike Report faster t y to Maintenance	daily for washi han normal loss	ng, sacting, to filter
against dil mowing when	(for build-up of ce in a flood. W n grass height is	rite a work ord	ould hold water er for grass
	BA445	******	
DATE	POND LEVEL	INITIALS	
7-10-00	4 4 1"	INITIALS	Report needs for
7-10-00	4'2"	RW	Report needs for corrective action to:
7-10-00	4 4 1"	RW RW	corrective action to:
7-10-00 7-11-08 7-12-00	4'2"	RW.	corrective action to: Maintenance Planner Shift Superisor
7-10-00 7-11-08 7-12-00	941" 3'11" 3'6" 3'6"	RW RW	corrective action to: Maintenance Planner Shift Superisor
7-10-00 7-11-08 7-12-00 7-13-00 7-14-09	941" 3'11" 3'6" 3'6"	RW RW	corrective action to: Maintenance Planner Shift Superisor South Plant Superviso
7-10-00 7-11-08 7-12-00 7-13-00	941" 4'2" 3'11"	RW RW	corrective action to: Maintenance Planner Shift Superisor South Plant Superviso
7-10-00 7-11-08 7-12-00 7-13-00 7-14-00 7-16-00	3'11" 3'11" 3'6" 3'6" 3'10" 4'4"	RW RW RW RW SK 3K	corrective action to: Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.
7-10-00 7-11-08 7-12-00 7-13-00 7-14-00 7-16-00	3'11" 3'11" 3'6" 3'10"	RW RW RW RW SK 3K	corrective action to: Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.
7-10-00 7-11-08 7-12-00 7-13-08 7-14-08 7-15.00 7-16-00	3'," 3'," 3'," 3'," 3'," 3'," 3'," 3',"	RW RW RW RW SK 3K	corrective action to: Maintenance Planner Shift Superisor South Plant Supervise Environmental Dept.
7-10-00 7-11-08 7-12-00 7-13-08 7-14-08 7-15.00 7-16-00	3'," 3'," 3'," 3'," 3'," 3'," 3'," 3',"	RW RW RW RW SK 5/K	corrective action to: Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 0.7-17 to 0.7-2300

1.	Check da fighting Date ins	tes, labeling, equip.	- Inspect weekly no. of drums, accement of the second of t	for leaks. ss, fire Cline KS
2.	of two fastoughine immediate	eet. Inspect d g. Report fast ely to Maintena eek for build-u	el daily, keep a mi ike daily for wash: er than normal loss nce and Environment p of debris which o	ang, salilag, c of livel cal.
0	mowing wide parts 7-17 7-18 7-19 7-20 7-27 7-23	POND LEVEL POND LEVEL Y'9" Y'10" Y'5" H'5" J'C' 3'10'	INITIALS INITIA	Report needs for corrective action to: Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

		FOR THE WEEK C	of <u>7/24</u> to	7/3/
1.	Check date: fighting e	- • /	of drums, acces	ss, fire
	Date inspec	cted_7/24I	nspected by $\overline{\mathcal{D}}$	<u>, </u>
	Results of	inspection	good	
2.	of two feet sloughing. immediately Check creek	- Record level of the Report faster to Maintenance of the for build-up of	daily for wash: than normal loss and Environment	ng, sabiling, of livel al.
		te in a flood. We grass height is	√rite a work ord	er for grass
		ce in a flood. V	√rite a work ord	er for grass
	mowing wher	ce in a flood. Von grass height is	Vrite a work ord s excessive.	er for grass Report needs for
	mowing wher	ce in a flood. Von grass height is	Vrite a work ord s excessive.	er for grass Report needs for corrective action
	DATE	ce in a flood. Von grass height is	Vrite a work ord s excessive.	er for grass Report needs for corrective action to:
	7/24/00 7/25/26	re in a flood. We grass height is POND LEVEL	Vrite a work ord s excessive.	er for grass Report needs for corrective action to: Maintenance Planner Shift Superisor
	DATE	ce in a flood. Von grass height is	Vrite a work ord s excessive.	er for grass Report needs for corrective action to: Maintenance Planner
	7/24/00 7/25/26	re in a flood. We grass height is POND LEVEL 3'5' 2'//" 3'	Vrite a work ord s excessive.	er for grass Report needs for corrective action to: Maintenance Planner Shift Superisor South Plant Superviso

Results of weekly inspection and actions taken:





Mr. Jerry Banks, Chief Hazardous Waste Division Office of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385

July 5, 2000

Re: Cedar Chemical Corporation, MSD 990714081 Consent Decree and RCRA Facility Investigation **Progress Report Number Ninety-Nine**

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

xc: Mr. Miles

Mr. Keen

Mr. Malone, Burch, Porter & Johnson

Mr. Karkkainen, Woodward-Clyde

File

Steven T. Boswell Director of Env. Affairs

WARREN COUNTY
either under
vielestung CC
or
Codar Chom. Co.

Dr. Judy Sophianopoulos Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV Mailcode 4WD-RCRA 621 Forsyth Street, SW Atlanta, Georgia 30303

July 5, 2000

Re: Cedar Chemical Corporation, MSD990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Ninety-Nine

Dear Dr. Sophianopoulos:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Ninety-Nine, for the month of June, 2000. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill is normal for the season.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None needed.

Changes in Personnel

None

Projected Work for the Month

Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared.

Results of Sampling and Analysis Activities during the Report Period

None at this time.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

Steven T. Boswell Director of Env. Affairs

xc: Mr. Keen

Mr. Malone, Burch, Porter & Johnson

Mr. Karkkainen, URS-Griener

Mr. Jerry Banks, MSDEQ

File

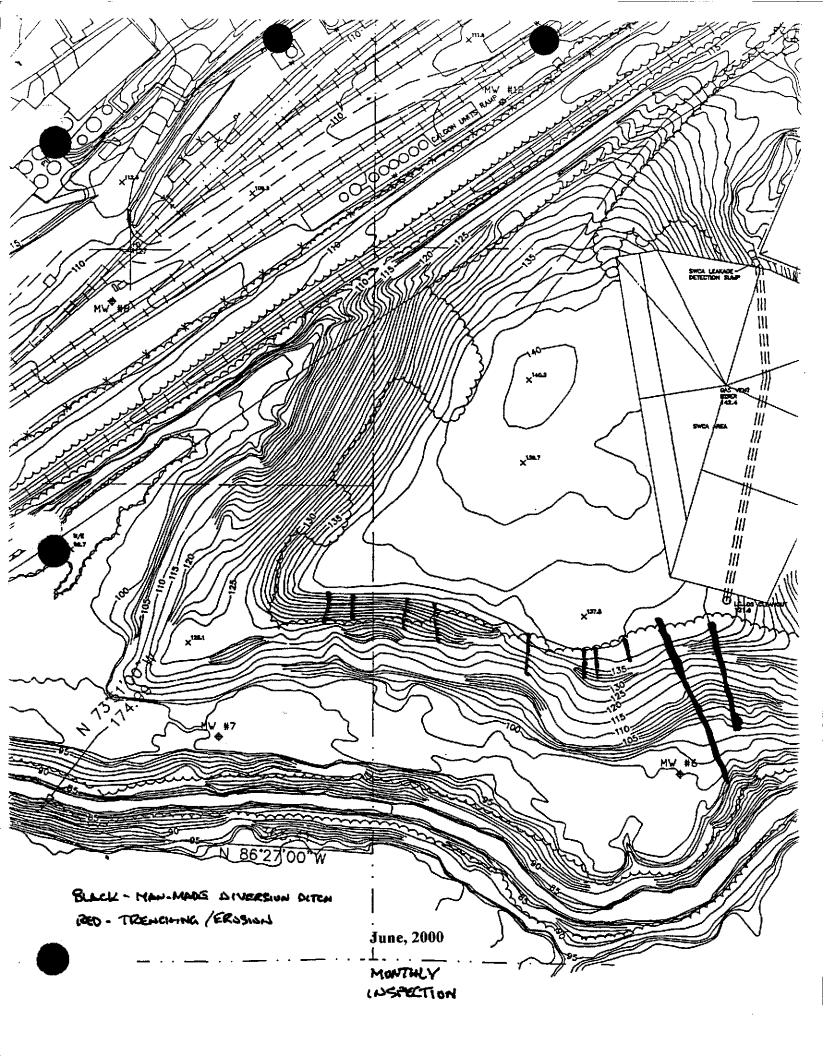
Memo To: File

July 5, 2000

From: Steve Boswell

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has vegetated well and does not exhibit any new erosional features. Side slopes do not exhibit any new erosional features. Other existing features are stable. Grass growth is lush following recent rainfall. The repairs made in February are stable with grass coverage increasing.



HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF $\frac{62500}{2500}$ to $\frac{7}{2}\sqrt{60}$

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	suits of i	nspection	<u> </u>	
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aga	ainst dike	for build-up o in a flood. I grass height i	Write a work ord	could hold water der for grass
	. !	POND LEVEL	INITIALS	
(6/27/00		J.L	Report needs for corrective action to:
	6/28/00		112	Maintenance Planner
	0/79/00		<u> </u>	Shift Superisor South Plant Supervi
<u>(</u> c	13ilos	-127	<u> </u>	Environmental Dept.
7	1 / 1 0 0	32	<i>I.S</i>	
	12100	3'4"	I.S	

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 6-19 to 6-25

1.	Drums in 90 Day Storage Check dates, labeling, n fighting equip. Date inspected 6-19	io. of drums, acces	s, fire
	Results of inspection	Lood	
2.	South Pond - Record leve of two feet. Inspect disloughing. Report faste immediately to Maintenan	Ke daily for washing than normal lose	g, sabilag,
,	Check creek for build-up against dike in a flood. mowing when grass height	Write a work orda	uld hold water r for grass
6.6.	DATE POND LEVEL 19 4'1" 20 4'1" 21 3'10" 22 3'6"	INITIALS Skling Skling Skling	Report needs for corrective action to: Maintenance Planner Shift Superisor
6-2 10-2	3 316" 4 2'1)	Je Kolno	South Plant Supervisor Environmental Dept.
Res	ults of weekly inspection	and actions taken:	-

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF $6-12^{-60}$ to $6-18^{-66}$

Results of	ted $6^{-/1}$ I		
		OK	
2 South Bond	Describe		Y
sloughing.	- Record level of . Inspect dike Report faster to Maintenance	dally for washi	0 F 1 1 1 1
edernor GTV	for build-up of e in a flood. W grass height is	irita a warb asa	ould hold water er for grass
DATE	POND LEVEL	INITIALS	
6-12-00	3/10"	RW	Report needs for
6-13-00	31/	KW	corrective action
6-14-00	3'11"	RW.	
6-15-00	3'10"	RW	Maintenance Planner Shift Superisor
6-16-00	3'6"	RW	South Plant Superviso Environmental Dept.
6-17-00	3'8"	-5K	
6-18-00	31/04	J.K.	
Results of week	ly inspection a. O/C	nd actions taker	1:
	W.		

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 6/5/00 TO 6/1/00

	cted <u>Good</u> Ins		5
Results of	inspection Go	<u> </u>	
South Pand	- Doggand 1 1		
or two reet sloughing.	- Record level da . Inspect dike d Report faster th	aily for washi an normal loss	ng, sacring,
immediately	to Maintenance a	nd Environment	al.
against dig	for build-up of e in a flood. Wr	ite a work ord	ould hold water er for grass
mowing when	e in a flood. Wr grass height is	ite a work ord excessive.	ould hold water er for grass
against dix	e in a flood. Wr	ite a work ord	er for grass
mowing when	e in a flood. Wr grass height is	ite a work ord excessive.	er for grass Report needs for corrective action to:
mowing when	e in a flood. Wr grass height is	ite a work ord excessive.	er for grass Report needs for corrective action to:
mowing when	e in a flood. Wr grass height is	ite a work ord excessive.	Report needs for corrective action to: Maintenance Planne Shift Superisor
mowing when	e in a flood. Wr grass height is	ite a work ord excessive.	er for grass Report needs for corrective action to: Maintenance Planne
DATE 1/5/00 1/100 1/5/00 1/5/00	POND LEVEL	ite a work ord excessive.	Report needs for corrective action to: Maintenance Planne Shift Superisor South Plant Superv
mowing when	e in a flood. Wr grass height is	ite a work ord excessive.	Report needs for corrective action to: Maintenance Planne Shift Superisor South Plant Superv
DATE 1/5/00 1/100 1/5/00 1/5/00 1/5/00 1/5/00 1/5/00 1/5/00	POND LEVEL	ite a work ord excessive. INITIALS Z.S Z.S Z.S Z.S Z.S Z.S Z.S Z	Report needs for corrective action to: Maintenance Planne Shift Superisor South Plant Superv Environmental Dept

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 5/29/10 TO 6/4/00

Date inspe	cted Good	Inspect weekl no. of drums, ac	vess, rira
	Inspection	Geod	
Check creek against dike mowing when	to Maintenand	l daily, keep a me ke daily for wash than normal losse and Environmen of debris which write a work order is excessive.	tal,
	3'11" 3'6" 3'4" 3'3" 3'7" 3'8"	INITIALS J.L J.L J.L J.L J.L J.L J.L J	Report needs for corrective action to: Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.



Mr. Jerry Banks, Chief Hazardous Waste Division Office of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385

June 9, 2000

Re: Cedar Chemical Corporation, MSD 990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Ninety-Eight

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

xc: Mr. Miles

Mr. Keen

Mr. Malone, Burch, Porter & Johnson Mr. Karkkainen, Woodward-Clyde

File

Steven T. Boswell Director of Env. Affairs

Dept. of Environmental Quality
Office of Pollution Control

Dr. Judy Sophianopoulos Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV Mailcode 4WD-RCRA 621 Forsyth Street, SW Atlanta, Georgia 30303

June 9, 2000

Re: Cedar Chemical Corporation, MSD990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Ninety-Eight

Dear Dr. Sophianopoulos:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Ninety-Eight, for the month of May, 2000. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill is normal for the season,

Summary of Changes made to the IM and RFI during the Reporting Period

A layer of asphalt paving was placed on the roadway on the east side of SWMU 9 in preparation for expansion of the warehousing of fertilizers in that area. A copy of a photograph of the area is attached.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None needed.

Changes in Personnel

None

The Potassium People

Projected Work for the Month

Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared.

Results of Sampling and Analysis Activities during the Report Period

None at this time.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

Steven T. Boswell Director of Env. Affairs

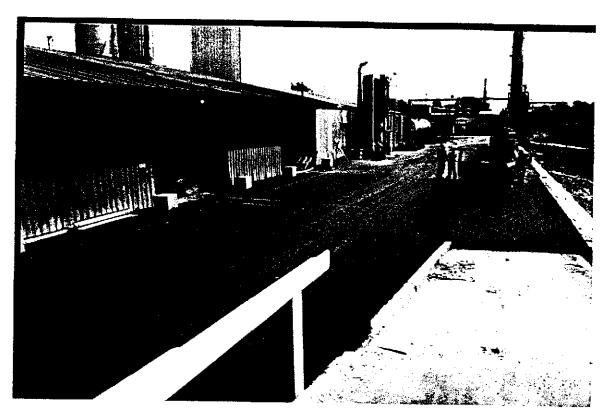
xc: Mr. Keen

Mr. Malone, Burch, Porter & Johnson

Mr. Karkkainen, Woodward-Clyde

Mr. Jerry Banks, MSDEQ

File



Asphalt pavement installed in SWMU 9 during May, 2000.

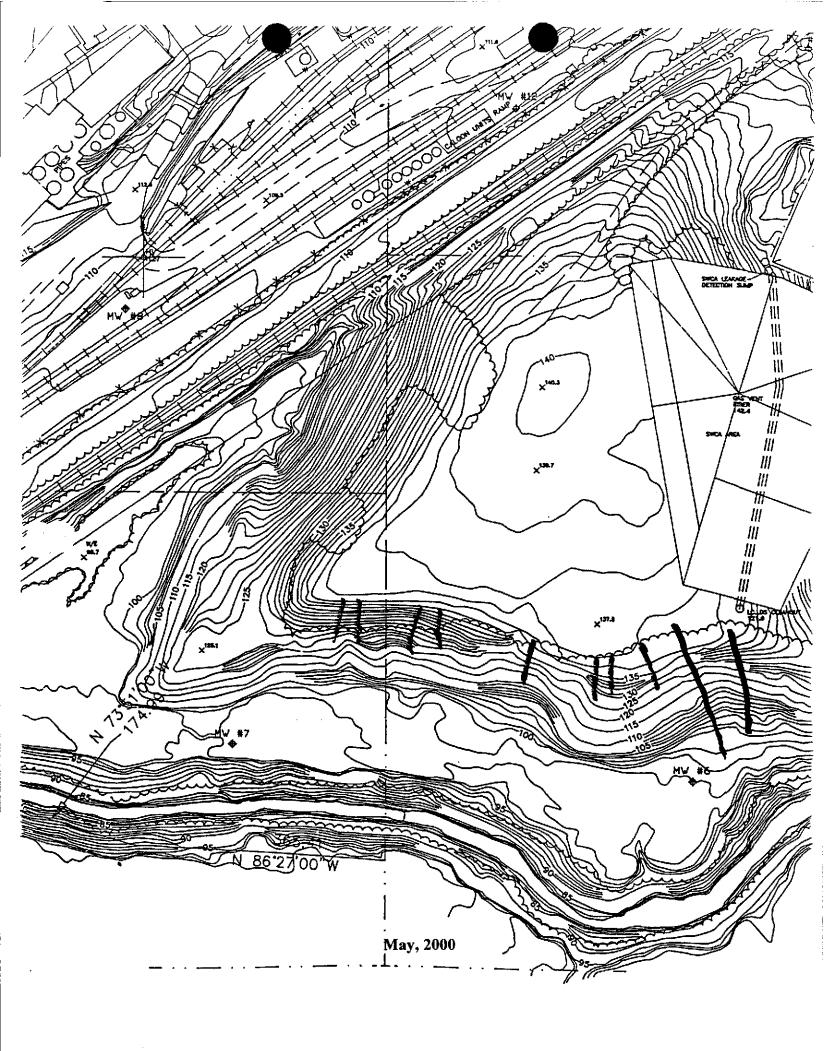
Memo To: File

June 1, 2000

From: Steve Boswell

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has vegetated well and does not exhibit any new erosional features. Side slopes do not exhibit any new erosional features. Other existing features are stable. Grass growth is lush following recent rainfall. The repairs made in February are stable with grass coverage increasing.



HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 5 29 10 TO 6 4/00

Check date fighting e	s, labeling quip.	<u>ge</u> - Inspect ; , no. of drum:	weekly for 1 5, access, f	eaks. ire
Date inspec	sted Good	Inspected	h. 1.1	
Results of	inspection_	Good	DY JIL	

2. South Pond - Record level daily, keep a minimum fraescard of two feet. Inspect dike daily for washing, sacking, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

	•	- cycessive.
5/29/00	POND LEVEL	INITIALS
5/30/00	3'6"	J.L
5/31/00	3'4"	J.L
6/1/00	3'3"	JL
6/2/00	3' 7"	JL
6/3/100	3'8'	SK
0/4/00	31/	7
- •	-	

Report needs for corrective action to:

Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Results	of	weekly	inspection	and	actions	taken.
						taxen:

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 5/22/0 to 5-28-00

1. <u>Drums in</u> Check da fighting	uss, ladeling, (- Inspect weekly no. of drums, acce	for leaks. ss, fire
Date ins	pected <u>5-22</u>	Inspected by	7
Results	of inspection	Jan Relan	SC AKCHOK
·			
sloughing	. Report faste	l daily, keep a mi ke daily for washi r than normal loss ce and Environment	ng, saaring,
	eek for build-up like in a flood. en grass height	of debris which of Write a work ord is excessive.	ould hold water er for grass
DATE	POND LEVEL	INITIALS	
5-22	4'7"	J4	Report needs for
5.3	41711	511	corrective action to:
524	45	754	Maintenance Planner
5.25	4'4"	(file)	Shift Superisor South Plant Supervisor
5.20	4/3"	154	Environmental Dept.
5-27	_4		
5-28	4.	J. L	
esults of we	ekly inspection	and actions taker	
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HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF $\frac{5-15}{10}$ to $\frac{5-2}{10}$

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5-16-00 5-17-00 5-19-00	4' 9"	RW RW RW	corrective action to: Maintenance Planner Shift Superisor South Plant Supervis
5-16-00 5-16-00 5-17-00 5-19-00 5-19-00	4'9" 4'8" 4'6" 4'4"	RW	corrective action to: Maintenance Planner
5-16-00 5-17-00 5-18-00 5-19-00 5-20-00	4' 9"	RW RW RW	corrective action to: Maintenance Planner Shift Superisor South Plant Supervis
5-16-05 5-17-00 5-18-00 5-19-06	4'9" 4'8" 4'6" 4'4"	RW RW RW	corrective action to: Maintenance Planner Shift Superisor South Plant Supervi:

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF $5-8-\infty$ TO 5-14-60

	of inspection		
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against	eek for build-up of dike in a flood. W	rite a work ord	
against mowing w	dike in a flood. When grass height is	rite a work ord	
against nowing w DATE	dike in a flood. W hen grass height is	rite a work ord excessive.	
against mowing w	dike in a flood. When grass height is POND LEVEL	rite a work ord excessive. INITIALS	Report needs for corrective action to:
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Mr. Jerry Banks, Chief Hazardous Waste Division Office of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385

May 9, 2000

Re: Cedar Chemical Corporation, MSD 990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Ninety-Seven

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

xc: Mr. Miles

Mr. Keen

Mr. Malone, Burch, Porter & Johnson Mr. Karkkainen, Woodward-Clyde

File

Steven T. Boswell Director of Env. Affairs

RECEIVED
MAY 1 1 2000
Representation Committee



Dr. Judy Sophianopoulos Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV Mailcode 4WD-RCRA 621 Forsyth Street, SW Atlanta, Georgia 30303

May 9, 2000

Re: Cedar Chemical Corporation, MSD990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Ninety-Seven

Dear Dr. Sophianopoulos:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Ninety-Seven, for the month of April, 2000. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill is normal for the season.

Summary of Changes made to the IM and RFI during the Reporting Period

None at this time.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None needed.

Changes in Personnel

None

Projected Work for the Month

Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared.

Results of Sampling and Analysis Activities during the Report Period

None at this time.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

Steven T. Boswell Director of Env. Affairs

xc: Mr. Keen

Mr. Malone, Burch, Porter & Johnson Mr. Karkkainen, Woodward-Clyde

Mr. Jerry Banks, MSDEQ

File

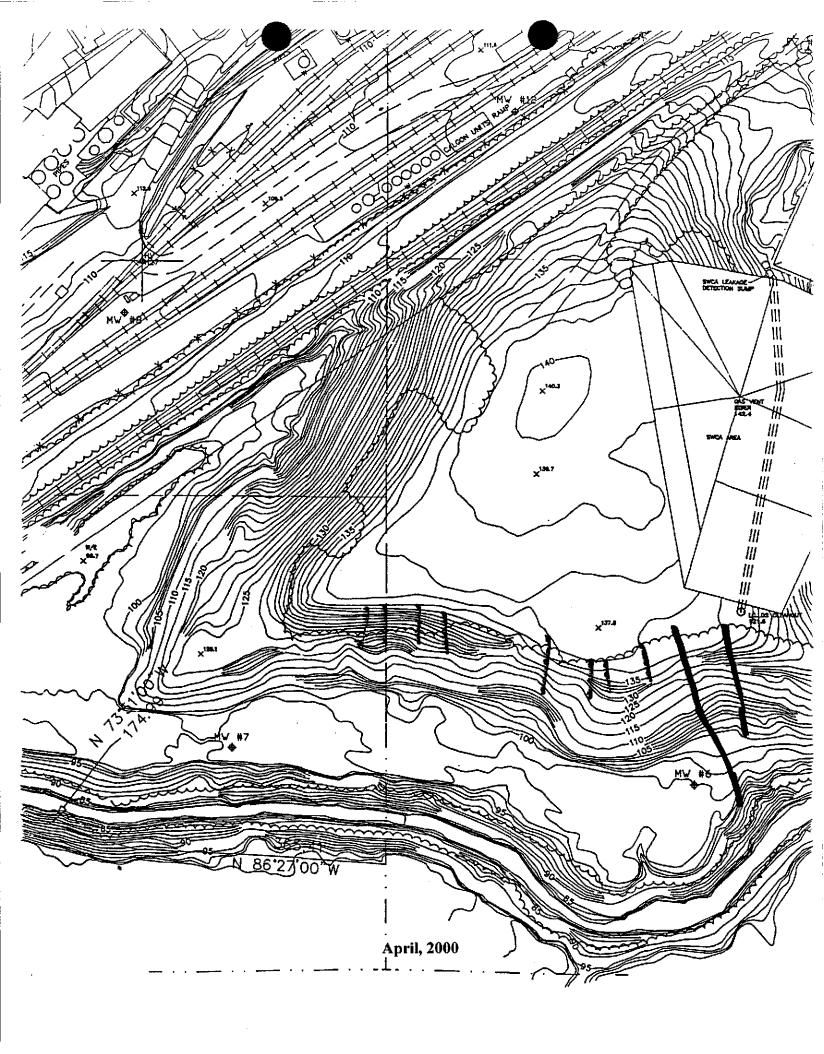
Memo To: File

May 8, 2000

From: Steve Boswell

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has vegetated well and does not exhibit any new erosional features. Side slopes do not exhibit any new erosional features. Other existing features are stable. Grass growth is lush following recent rainfall. The repairs made in February are stable with grass coverage increasing.



HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 4-20-00

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2.	of two fee sloughing. immediatel Check cree	- Record level of t. Inspect dike Report faster t y to Maintenance k for build-up of	daily for washing han normal loss and Environment debris which c	ing, sailing, of livel al.
	against di mowing whe	ke in a flood. We need to be seen	rite a work ord excessive. INITIALS	er for grass
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	26-00 27-00	416	TK	Maintenance Planner Shift Superisor South Plant Superviso
4-	28-00	41	TK TL	Environmental Dept.
4.	30-00	3/}	nd actions take	

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF $\frac{4-17}{10}$ to $\frac{4-23}{10}$

1.	Drums	in	90	Day	Storag	e -	Ins	pect	wee	klv	for	leaks.
	Check	dat	tes,	lal	beling,	no.	of	dru	ns,	acce	255,	fire
	fight	ing	equ	ip.					·			

Date	ins	pec	ted	1-19	_ Inspected	by_(<u> </u>	
Resu:	lts	of	inspe	ction	06			
			·					

2. South Fond - Record level daily, keep a minimum fraegoard of two feet. Inspect dike daily for washing, sacking, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
4-17-00	41	ph
4-18-00	41 4"	RU
4-19-00	4'7"	KW
4-20-00	4'9"	RW
4-21-00	4' 7"	KW
4-22-00	41911	5K
4-23-00	4'10"	- GK
	·	

Report needs for corrective action to:

Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Results of	weekly	inspection	and	actions	taken
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heck dat	4/10	' Inspect weekly i	for leaks.
esults o	f inspection	X	
f two fee	<u>d</u> - Record level d et. Inspect dike . Report faster t	daily for washi han normal loss	ng, saliling, of livel
mmediate. heck cre	ly to Maintenance ek for build-up of	debris which c	ould hold water
mmediate heck cre- gainst d		debris which o	ould hold water ler for grass
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nmediate heck cre- gainst d owing who	ek for build-up of ike in a flood. W en grass height is	debris which corrected a work ord corrected a work	could hold water er for grass Report needs for corrective action to: Haintenance Plant Shift Superisor
mmediate heck cree gainst d owing who	ek for build-up of ike in a flood. W en grass height is	debris which corrected a work ord corrected a work	could hold water er for grass Report needs for corrective action to: Haintenance Plan
mmediate heck cree gainst d owing who	ek for build-up of ike in a flood. W en grass height is	debris which corrected a work ord corrected a work	could hold water der for grass Report needs for corrective action to: Haintenance Plant Shift Superisor
mmediate heck cree gainst d owing who	ek for build-up of ike in a flood. W en grass height is	debris which corrected a work ord corrected a work	could hold water der for grass Report needs for corrective action to: Haintenance Plant Shift Superisor
mediate heck cres gainst di owing who DATE	ek for build-up of ike in a flood. We a grass height is power Level	debris which corrected a work order a work o	Report needs for corrective action to: Haintenance Plant Shift Superisor South Plant Superisor Environmental December 2015

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HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF $\frac{4}{3}$ to $\frac{4-9}{3}$

	inspected 4.3 In	Specied by Fr	
6 din	ms to ENSCO 4/4/00 \$	16	
of two	<u>Pond</u> - Record level of feet. Inspect dike ing. Report faster tately to Maintenance	daily for washi han normal loss	ng, saig, of l:vel
Check	creek for build-up of it dike in a flood.	debris which c	ould hold water er for grass
mowing	when grass height is	excessive.	3.22
mowing	when grass height is	: excessive. INITIALS	,
mowing	y when grass height is	i excessive. INITIALS Mc	Report needs for
mowing	when grass height is POND LEVEL	: excessive. INITIALS	
mowing DATE 41-3 41-4	when grass height is POND LEVEL 2'	i excessive. INITIALS Mc	Report needs for corrective action to: Maintenance Planner
DATE 4-3 4-4 4-5	when grass height is POND LEVEL 2' 2' 2' 2' 2' 2' 2' 2' 2' 2	i excessive. INITIALS Mc	Report needs for corrective action to:
DATE 4-3 4-4 4-5 4-6	when grass height is POND LEVEL 2' 2' 2' 2' 2' 2' 2' 2' 2' 2	i excessive. INITIALS Mc	Report needs for corrective action to: Haintenance Planner Shift Superisor
# # # # # # # # # # # # # # # # # # #	when grass height is POND LEVEL 2' 2' 2' 2' 2' 2' 2' 2' 2' 2	i excessive. INITIALS Mc	Report needs for corrective action to: Maintenance Planner Shift Superisor South Plant Superviso
# DATE 41-3 41-4 41-5 41-5 41-7 41-7	when grass height is POND LEVEL 2' 2'4 2'8 2'10 A'//"	INITIALS INITIALS IMC IMC IMC IMC IMC IMC IMC IM	Report needs for corrective action to: Haintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.
# DATE 41-3 41-4 41-5 41-5 41-7 41-7	when grass height is POND LEVEL 2' 2' 2' 2' 2' 2' 2' 2' 2' 2	INITIALS INITIALS IMC IMC IMC IMC IMC IMC IMC IM	Report needs for corrective action to: Haintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF $\frac{3-37}{}$ TO $\frac{4-2}{}$

1.	Drums	in	90	Day	Storag	e -	Ins	pect	Wee	kly	for	leaks.
•	Check	dat	es,	, lai	beling,	no.	of	dru	95 ,	acce	255,	fire
	fight	ing	equ	uip.								A

Date inspected 3-27 Inspected by 5 kling

Results of inspection 6 kums OK 876

2. South Pond - Record level daily, keep a minimum friendard of two feet. Inspect dike daily for washing, sacing, sloughing. Report faster than normal loss of livel immediately to Haintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
3/27	419"	54
3/28	416"	5 <u>k</u>
3/29	49"	54
3/29 3/30	412"	5K
3/31	4'4"	54
4/1	4'4	Mc
4/2		Mi

Report needs for corrective action to:

Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Results of weekly inspection and actions taken:	Results	of	weekly	inspection	and	actions	taken:
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Mr. Jerry Banks, Chief Hazardous Waste Division Office of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385

April 7, 2000

Re: Cedar Chemical Corporation, MSD 990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Ninety-Six

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely.

Steven T. Boswell Director of Env. Affairs

STB: pc

xc: Mr. Miles

Mr. Keen

Mr. Malone, Apperson, Crump Mr. Karkkainen, Woodward-Clyde

File



Dr. Judy Sophianopoulos Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV Mailcode 4WD-RCRA 621 Forsyth Street, SW Atlanta, Georgia 30303

April 7, 2000

Re: Cedar Chemical Corporation, MSD990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Ninety-Six

Dear Dr. Sophianopoulos:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Ninety-Six, for the month of March, 2000. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill is normal for the season.

Summary of Changes made to the IM and RFI during the Reporting Period

None at this time.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None needed.

Changes in Personnel

None

Projected Work for the Month

Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared.

Results of Sampling and Analysis Activities during the Report Period

None at this time.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

Steven T. Boswell Director of Env. Affairs

xc: Mr. Keen

Mr. Malone, Apperson, Crump, Duzane & Maxwell

Mr. Karkkainen, Woodward-Clyde

Mr. Jerry Banks, MSDEQ

File

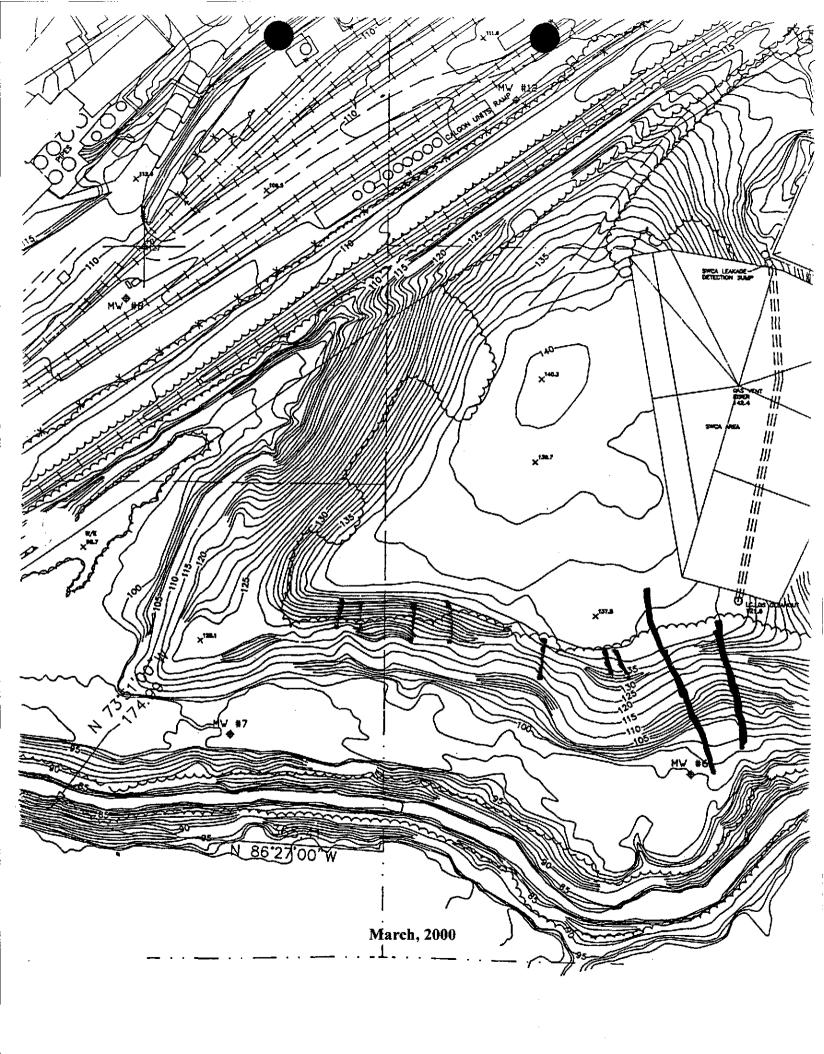
Memo To: File

April 7, 2000

From: Steve Boswell

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has vegetated well and does not exhibit any new erosional features. Side slopes do not exhibit any new erosional features. Other existing features are stable. Grass growth is lush following recent rainfall.



HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF $\frac{3-37}{}$ TO $\frac{4-2}{}$

1.	Drums in 90 Day Storage - Inspect weekly for leaks.
	Check dates, labeling, no. of drums, access, fire
•	fighting equip.
	Date inspected 3-27 Inspected by Jaling
	Results of inspection 6 decrees OK 818

2. South Pond - Record level daily, keep a minimum freeDoard of two feet. Inspect dike daily for washing, satisfy, sloughing. Report faster than normal loss of livel immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
3/27	419"	54
3/28	4'6"	<u> </u>
3/29	49"	24
3/30	4'2"	5K
3/31	4'4'	ラ イ
4/1	4'4	Mc
4/2		Mi
		- //

Report needs for corrective action to:

Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Results	of	weekly	inspection	and	actions	taken:
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	DATE	POND LEVEL	INITIALS	
	_		باص	
	3-20-00	41 611	RW RW	Report needs for corrective action
٠,٠	3-21-00	4'5"	RW RW	corrective action to:
•		3'11" 4'	RW	corrective action
	3-21-00	3'11" 4'	rw rw	corrective action to: Maintenance Planner Shift Superisor
-	3-21-00 3-22-00 3-23-00	3'11"	RW RW	corrective action to: Maintenance Planner Shift Superisor South Plant Superviso

205 531 1923

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 500

Results o	f inspection	2000	
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	en grass height is		
	,		
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3/13 3/14 1/15	41 · 41	Wind.	corrective action to:
3/13 3/14 3/16	41 · 41 ·	W/2 "	Corrective action to: Haintenance Planne Shift Superisor
3/3 3/14 3/16 3/11	41 · 41 34"	11 11 11 11 11 11 11 11 11 11 11 11 11	Corrective action to: Maintenance Planne Shift Superisor South Plant Superv
3/19 3/14 3/16 3-18	41 · 41 · 41 · 41 ·		corrective action to: Haintenance Planne
3/13 3/14 3/16 3/11 3-18	41 . 41 . 34 . 41 . 41 .		Corrective action to: Maintenance Planne Shift Superisor South Plant Superv
3/19 3/19 3/16 3-19	41 41 37" 4' 4' 4"		Corrective action to: Maintenance Planne Shift Superisor South Plant Superv

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF $3 \cdot 6 \cdot 00$ TO $3 \cdot /2 \cdot 00$

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	ATE	grass height is	INITIALS	
<u>.</u> .	, ග	5'6"	we Mc	Report needs for corrective action
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3.7	7.00	ls'	VE SINC	to:
3· 7	° 00	b'	SMC ONLC	to: Maintenance Planner Shift Superisor
3 8 3 9	° 00 - 00	ь' ь'	SMC SMC	to: Maintenance Planner
3 8 3 9	° 00	b'	SMC SMC	to: Maintenance Planner Shift Superisor South Plant Supervisor
3 8 3 9	9.00 -00 9.00	ь' ь'	JMC JMC JMG JMG JMG	to: Maintenance Planner Shift Superisor South Plant Supervisor
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3 8 3 9 3-10 3/1	2.00 1/00 2/00 12/00	ь' ь'		Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

hazardous waste area inspection sheet for the week of 02-28 to 03-06-00

	pected <u>DF29.0</u> In of inspection 6d6		<u> </u>
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against d	ek for build-up of like in a flood. W en grass height is	rite a work ord	
DATE	POND LEVEL	INITIALS	
000	5.6	V H	Report needs for corrective action
	2.	1291	to:
1.23		7.6	
2.30	E' 9"	5K	Maintenance Planner Shift Superisor
1.23 2.30 3.1	5' 2"	5K 5K	Maintenance Planner Shift Superisor
2.28 1.23 2.30 3.1 3.2 33	5' ?'' 5' 5'' 5' 7"	5K 5K 5K	Maintenance Planner Shift Superisor South Plant Supervi
1.23 2.30 3.1 3.2	5' 2'' 5' 5'' 5' 7'' 5 ' 6	5K 5K 5K 5K	Maintenance Planner Shift Superisor South Plant Supervi
3.3 3.3 3.3 3.4	5' ?'' 5' 5" 5' 7"		Maintenance Planner Shift Superisor South Plant Supervi: Environmental Dept.



Mr. Jerry Banks, Chief Hazardous Waste Division Office of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385

March 9, 2000

Re: Cedar Chemical Corporation, MSD 990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Ninety-Five

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell Director of Env. Affairs

STB: pc

xc: Mr. Miles

Mr. Keen

Mr. Malone, Apperson, Crump Mr. Karkkainen, Woodward-Clyde

File

Dr. Judy Sophianopoulos Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV Mailcode 4WD-RCRA 621 Forsyth Street, SW Atlanta, Georgia 30303

March 9, 2000

Re: Cedar Chemical Corporation, MSD990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Ninety-Five

Dear Dr. Sophianopoulos:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Ninety-Five, for the month of February, 2000. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from a imps and catch basins. Grass growth on the Old Landfill is normal for the season. An erosion gully was discovered on the Old Landfill during the month and was re-graded and armored with stone to retard erosion.

Summary of Changes made to the IM and RFI during the Reporting Period

None at this time.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None needed.

Changes in Personnel

None

Projected Work for the Month

Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared.

Results of Sampling and Analysis Activities during the Report Period

None at this time.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

Steven T. Boswell Director of Env. Affairs

xc: Mr. Keen

Mr. Malone, Apperson, Crump, Duzane & Maxwell

Mr. Karkkainen, Woodward-Clyde

v Mr. Jerry Banks, MSDEQ

File

Memo To: File

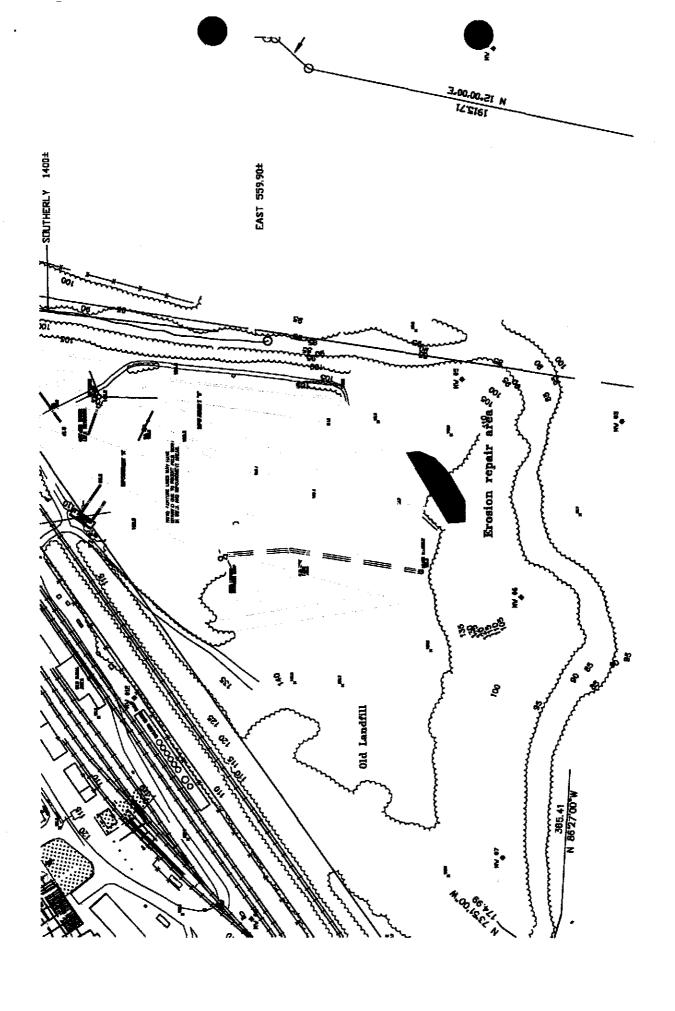
March 9, 2000

From: Steve Boswell

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has vegetated well and does not exhibit any new erosional features. Side slopes do not exhibit any new erosional features with the exception noted below. Other existing features are stable.

In early February, 2000, a gully was discovered beneath dried vegetation (see map.) The gully was regraded and armored with stone to retard further erosion. Some discolored soil was noted and a clean soil cover has been applied. Grass seed has been spread to further aid in stabilization.



HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 02-28 to 03-06-00

	spected <u>02-29.0</u> 0In of inspection <u>6d(</u>		S. C.
of two f sloughin immediat	ond - Record level dieet. Inspect dike g. Report faster tely to Haintenance	daily for washi han normal loss and Environment debris which c	ng, sailing, of livel al. ould hold water
	dike in a flood. When grass height is		er for grass
	4/1///	AK.	Report needs for corrective action
-2-28			
2.29	5.6		to:
	5.6		to: Haintenance Planner
2.29	5.6 5' ?''	7K 5K	Haintenance Planner Shift Superisor South Plant Superviso
2.30	5.6 5' 2" 5' 5"	5K 5K	to: Haintenance Planner Shift Superisor
2.29	5.6 5' 2" 5' 5" 5' 7"	5K 5K 5K	Haintenance Planner Shift Superisor South Plant Superviso
2.29 2.30 3.1 3.2	5.6 5'9" 5'5" 5'7"	5K 5K 5K 5K ML	Haintenance Planner Shift Superisor South Plant Superviso
2.29 2.30 3.1 3.2 33	5.6 5'9" 5'5" 5'7" 5'6 weekly inspection a	JIMI	Haintenance Planner Shift Superisor South Plant Superviso Environmental Dept.

Results of	inspection 6	ispected by	
OI TWO ICC	- Record level d t. Inspect dike	daily for wath	56 651 14
immediatel	y to Haintenance	han normal loss and Environment	s of layel Cal.
against di	k for build-up of ke in a flood. W n grass height is	rite a work ord	ould hold water ler for grass
DATE	POND LEVEL	INITIALS	
2-22	4'8"· 5'0"	16	Report needs for corrective action
2-23	4:11"	12	, to:
1.24	4'9"	16	Maintenance Planner Shift Superisor South Plant Supervi
	4'6"	10	Environmental Dept.
0-75			
	4'6"	<u> </u>	
7-7-	4161	54	

	Check date	2/4/00	nspect weekly is of drums, access spected by	for leaks. ss, fire
1)	of two fer sloughing immediate: Check cre- against d	1 - Record level det. Inspect dike Report faster t ly to Maintenance ek for build-up of ike in a flood. We en grass height is	daily for wash: han normal los: and Environment debris which of	ing, sailing, s of livel tal. could hold water
	DATE 2/14 2/15	POND LEVEL AISM. 4141	ENITIALS	Report needs for corrective action to Maintenance Planne
	2/1/8	1 11	EW.	Shift Superisor South Plant Superv Environmental Dept
	Results of w	eekly inspection a	a a	en:
	2/11/07 CARBON	Lep Mei To Kee. 15	RIDISC Chred Ve	+ Transferred #

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 2-7-00 TO 3-13-00

fighting Date insp	tes, labeling, no.	aspected by	s, fire
of two for sloughing immediate Check creating against of the check	nd - Record level det. Inspect dike g. Report faster tely to Haintenance ek for build-up of dike in a flood. Then grass height is	daily for washi than normal loss and Environment debris which c frite a work ord	ng, sal.ing, of livel al. ould hold water
DATE	POND LEVEL	INITIALS	
2-7	4101	Qu'	Report needs for
2-8	31911	Qu	corrective action to:
	7111	<i>(</i>),	Maintenance Planner
	311)"		
2-9	3110"	Own	Shift Superisor South Plant Superviso
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2-9 2-10 2-11	3110"	- Om White	Shift Superisor South Plant Superviso
2-9 2-10	3110"	July July July July July July July July	Shift Superisor South Plant Superviso
2-9 2-10 2-11 2-12 2-13	3110"		Shift Superisor South Plant Superviso Environmental Dept.
2-9 2-10 2-11 2-12 2-13	3'10" 3'10" 3'9"		Shift Superisor South Plant Superviso Environmental Dept.

FOR THE WEEK OF 1-31 TO 02-06-00

1.	Drums in 90 Day Storage	- Inspect weekly for le	aks.
•	Check dates, labeling,	o. of drums, access, fi	ire
•	fighting equip.		
	102/00		

Date inspected 02-1-00	Inspected by 54
Results of inspection_	of

2. South Pond - Record level daily, keep a minimum friencard of two feet. Inspect dike daily for washing, salling, sloughing. Report faster than normal loss of livel immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
1-3	5'7"	<u> </u>
0-2-1	5' 0'	<u> </u>
02-2	4'10"	5K
02-3	5' 4"	5K
02-4	41/0"	54
03-5	4'6"	Que
02-6	4'2"	Jun

Report needs for corrective action to:

Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Results	of	weekly	inspection	and	actions	taken:
			· · · · · · · · · · · · · · · · · · ·			



Mr. Jerry Banks, Chief Hazardous Waste Division Office of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385

January 10, 2000

Re: Cedar Chemical Corporation, MSD 990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Ninety-Three

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

xc: Mr. Brown

Mr. Keen

Mr. Malone, Apperson, Crump Mr. Karkkainen, Woodward-Clyde

File

Steven T. Boswell Director of Env. Affairs

Bound



Dr. Judy Sophianopoulos Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV Mailcode 4WD-RCRA 621 Forsyth Street, SW Atlanta, Georgia 30303

January 10, 2000

Re: Cedar Chemical Corporation, MSD990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Ninety-Three

Dear Dr. Sophianopoulos:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Ninety-Three, for the month of December, 1999. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill is normal for the season.

Summary of Changes made to the IM and RFI during the Reporting Period

None at this time.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None needed.

Changes in Personnel

None

Projected Work for the Month

Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared.

The Potassium People



Results of Sampling and Analysis Activities during the Report Period

None at this time.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

Steven T. Boswell Director of Env. Affairs

1. Bomell

xc: Mr. Brown

Mr. Malone, Apperson, Crump, Duzane & Maxwell

Mr. Karkkainen, Woodward-Clyde

Mr. Jerry Banks, MSDEQ 🗸

File

HAZARDOUS WASTE AREA INSPECTION SHEET

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FOR THE WEEK OF 1225-59 TO 01-02-60

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leaks.	kly for	eecr wee	IsuI	-	Storage	Day	06	uţ	Druma	1.

Date inspected 12-27-97 Inspected by

immediately to Haintenance and Environmental.

Results of inspection_

2. South Pond - Record level daily, keep a minimum friencard of two feet. Inspect dike daily for washing, satting, satting, satting,

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

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Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

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South Plant Supervisor Environmental Dept.		11614	<u> </u>
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55/14/11	- 01 <u>04/4</u>	FOR THE WEEK OF	

in the Committee of the

HAZARDOUS WASTE AREA INSPECTION SHEET

in the confidence of the confidence of the proposition of the confidence of the conf

15-16	OT	15-13	30	MEEK	BHT	FOR
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1. Drums in 90 Day Storage - Inspect weekly for leaks.

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Date inspected 12-13 Inspected by

Results of inspection

2. South Pond - Record level daily, keep a minimum frresord of two feet. Inspect dike daily for washing, satting, sloughing. Report faster than normal loss of livel immediately to Maintenance and Environmental.

mowing when grass height is excessive.

Against dike in a flood. Write a work order for grass

Against dike in a flood.

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	775	,, 01h	66-81-81
Environmental Dept.	and)	1151.41	66-21-61
SONCH Plant Supervisor Shift Superisor		11614	26-91-21
Maintenance Planner	The state of the s	11/14	66-51-61
collective action	M	11914	65-41-61
Report needs for	m	11914	66-81-81
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Results of weekly inspection and actions taken;

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Check dates, labeling, no. of drums, access, fire lighting equip. Bate inspected of the line of inspected by the line of inspected by the line of inspection.	<u></u>		
fighting equip.	·	No Steens	Results of inspection
	9/2	nepected by	Date inspected
CUECK dates, labeling, no. or drums, access, rice			
Drums in 90 Day Storage - Inspect weekly for leaks.			

immediately to Maintenance and Environmental. sloughing. Report faster than normal loss of lavel of two feet. Inspect dike daily for washing, sattling, 2. South Pond - Record level daily, keep a minimum frresound

mowing when grass height is excessive. against dike in a flood. Write a work order for grass CPECK CLEEK LOL DAIJQ-AD OL GEDLIZ MPICH COAJQ POJQ MSCEL

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collective action	1,4	2) 8,1	65-L-21
Maintenance Planner	10	1.E1h	83-3-21
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Environmental Dept.	H	1) 1.5 1h	33-01-21
	- M), 1191ti	15-11-51
	N. C.	1,11,4	15-15-68

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

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leaks.	Inspect weekly for	_	0 Day Storage	; u;	SEUNG	. 1

Date inspected 11-39 Inspected by Results of inspection

2. South Pond - Record level daily, keep a minimum freescard of two feet. Inspect dike daily, for washing, satting, satt

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

Report needs for

Haintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

		
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Results of weekly inspection and actions taken:

			
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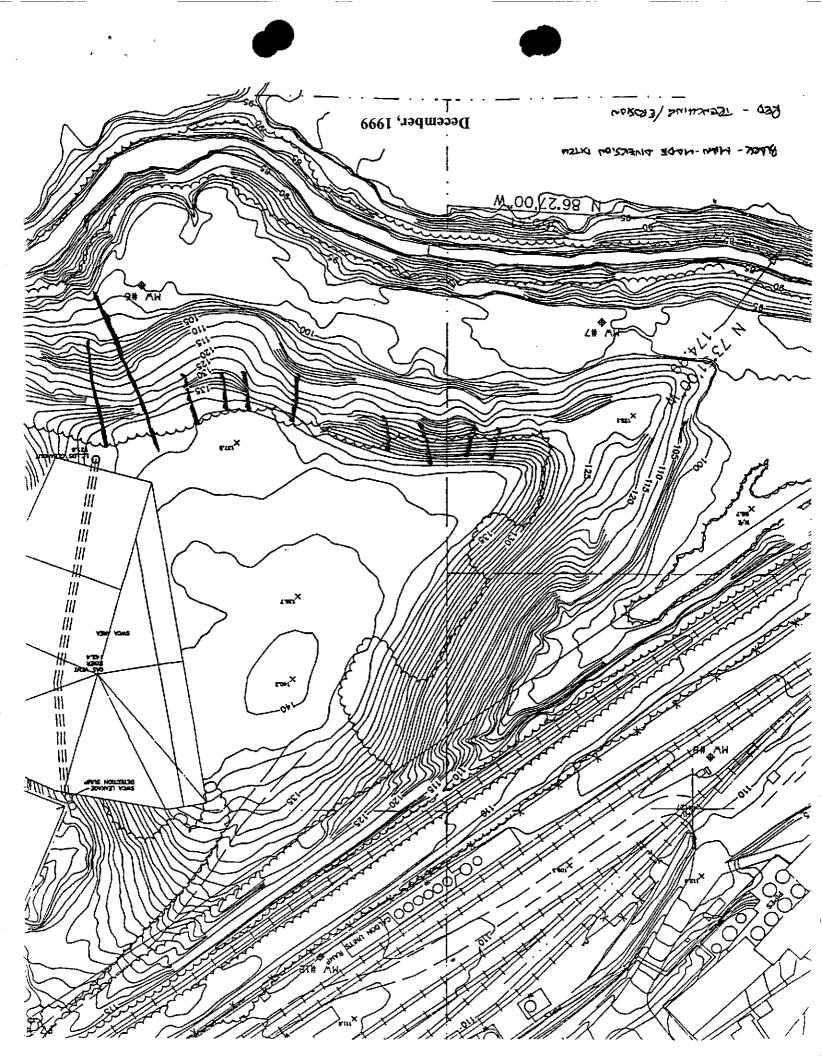
December 29, 1999

Memo To: File

Ltom: Steve Boswell

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has vegetated well and does not exhibit any new erosional features. Side slopes do not exhibit any new erosional features and existing features are stable. Vegetation is dry due to sparse rainfall.







Mr. Jerry Banks, Chief Hazardous Waste Division Office of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385

December 2, 1999

Re: Cedar Chemical Corporation, MSD 990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Ninety-Two

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

xc: Mr. Miles

Mr. Keen

Mr. Malone, Apperson, Crump

Mr. Karkkainen, Woodward-Clyde

File

Steven T. Boswell Director of Env. Affairs



Dr. Judy Sophianopoulos Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV Mailcode 4WD-RCRA 621 Forsyth Street, SW Atlanta, Georgia 30303

December 2, 1999

Re: Cedar Chemical Corporation, MSD990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Ninety-Two

Dear Dr. Sophianopoulos:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Ninety-Two, for the month of November, 1999. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill is normal.

Summary of Changes made to the IM and RFI during the Reporting Period

Revised and updated Groundwater Assessment and RFI Workplans are being submitted with this report.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None needed.

Changes in Personnel

None

Projected Work for the Month

Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared.

Results of Sampling and Analysis Activities during the Report Period

None at this time.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

Steven T. Boswell Director of Env. Affairs

xc: Mr. Miles

Mr. Malone, Apperson, Crump, Duzane & Maxwell

Mr. Karkkainen, Woodward-Clyde

Mr. Jerry Banks, MSDEQ 🗸

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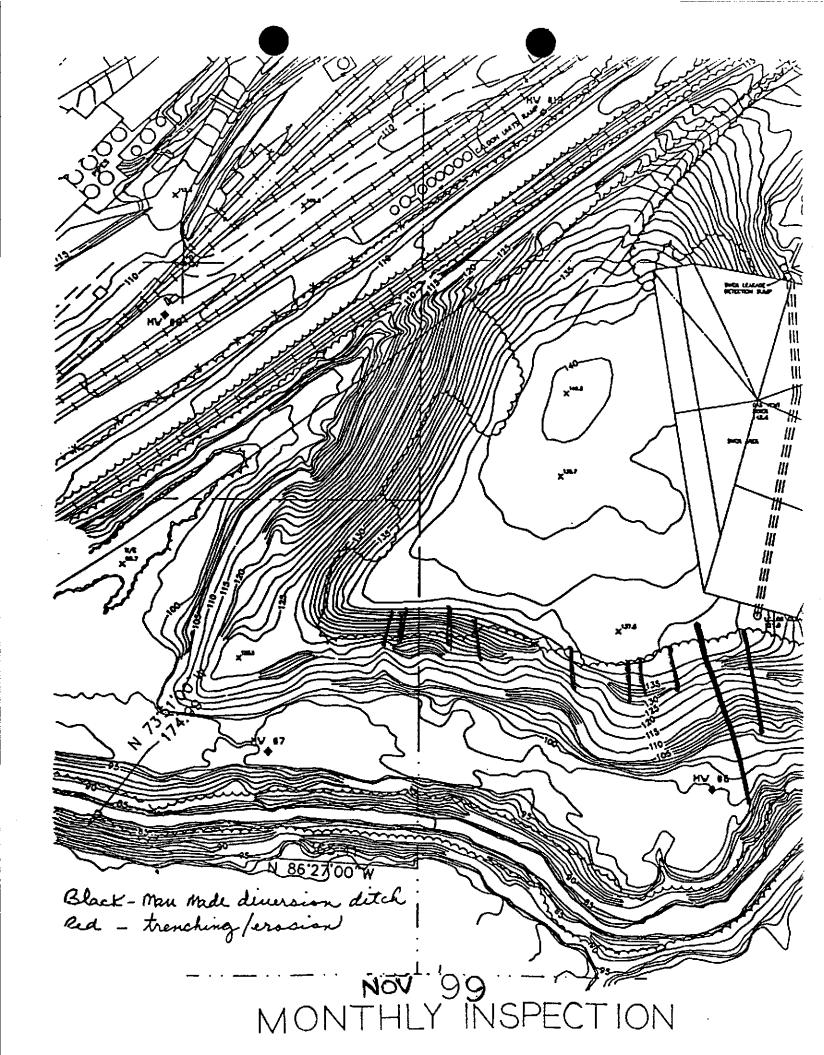
Memo To: File

November 29, 1999

From: Steve Boswell

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has vegetated well and does not exhibit any new erosional features. Side slopes do not exhibit any new erosional features and existing features are stable. Vegetation is dry due to sparse rainfall.



FOR THE WEEK OF 11-29 TO 12-5

2. South Pond - Record level daily, keep a minimum friendard of two feet. Inspect dike daily for washing, sailing, sloughing. Report faster than normal loss of livel immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	initials
11-29	3'6"	18
11-30	3'8''	16
12-1	3'6"	16
12-2	3'8"	12
12-3	3'10"	16
12.4	3'9"	Ry
12-5	4'1	Ly_

Report needs for corrective action to:

Maintenance Planner
Shift Superisor
South Plant Supervisor
Environmental Dept.

Results of weekly inspection and actions taken;

12-2	RVER	LINE	ak	
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FOR THE WEEK OF 1/2 TO 1/2/9

	ts of in	spection (nspected by CO	
of tw sloug immed Check again	o feet. hing. R liately t creek f st dike	Inspect dike eport faster o Haintenance or build-up of in a flood.	daily, keep a mine daily for washing than normal loss and Environmenta of debris which convicts a work order	ng, sii.lig, of livel nl. ould hold water
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1/12	<i>\\G</i>	410	U. Jen	corrective action to:
[1][4	F	45"	afer	Maintenance Planner
11/18	5/95	3//	Win	Shift Superisor South Plant Supervis
11//26	199	317"	Wh	Environmental Dept.
11-27	- 99	316	18	
11-28	- 99	3.6	16	
_	of weekl	y inspection	and actions taker	i.
esults				

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 11-15-99 to 11-21-99

Results of	inspection	Goon	
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11-16-99	5'3"	fur	toi
11-17-99	5'/1"	fan	Maintenance Planner
11-18-99	5'0"	_ (Ju	Shift Superisor South Plant Supervis
11 - 19 - 99	411"	Jan 2 /	Environmental Dept.
11-20-99	5'	WA	
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		ind actions take	n.



HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 11-8-99 TO 11-14-99

	of inspection	aspected by <u>J. k</u> o	INE_
of two f	ond - Record level of Seet. Inspect dike sg. Report faster to sely to Haintenance	daily for washi han normal loss	ng, saig, : of 1:7el
against	eek for build-up of dike in a flood. When grass height is	Vrite a work ord	ould hold water er for grass
DATE	POND LEVEL	INITIALS	
11-8-99	4'5"	5K	Report needs for corrective action
11-9-99	4'7"	5K	to:
11-11-99	4'7"	54	Maintenance Planner
11-11-99	41811	54	Shift Superisor South Plant Supervisor
11-12-89	41811	54	Environmental Dept.
11-13-99	51211	In	_
11-14-99	5'5"	Ju	
Results of	weekly inspection	and actions take	en:

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF $\frac{14-1}{1}$ to $\frac{11-7}{1}$

ate inspected 11-1 Inspected by 5 //
Results of inspection

2. South Pond - Record level daily, keep a minimum friendard of two feet. Inspect dike daily for washing, salling, sloughing. Report faster than normal loss of livel immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	initials 52		
11.1-99	4 16"			
11-2-99	4'10"	58		
11.3-99	4'8"	52		
11- 4-99	4' 5"	12		
11-5-99	4' J"	kh		
11-6-99	4'2"	3K		
11-7-99	4′3″	AK		
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Report needs for corrective action to:

Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Results	of	weekly	inspection	and	actions	takeni	
			· · · · · · · · · · · · · · · · · · ·				
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Mr. Jerry Banks, Chief Hazardous Waste Division Office of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385

November 9, 1999

Re: Cedar Chemical Corporation, MSD 990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Ninety-One

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell Director of Env. Affairs

STB: pc

xc: Mr. Miles

Mr. Keen

Mr. Malone, Apperson, Crump

Mr. Karkkainen, Woodward-Clyde

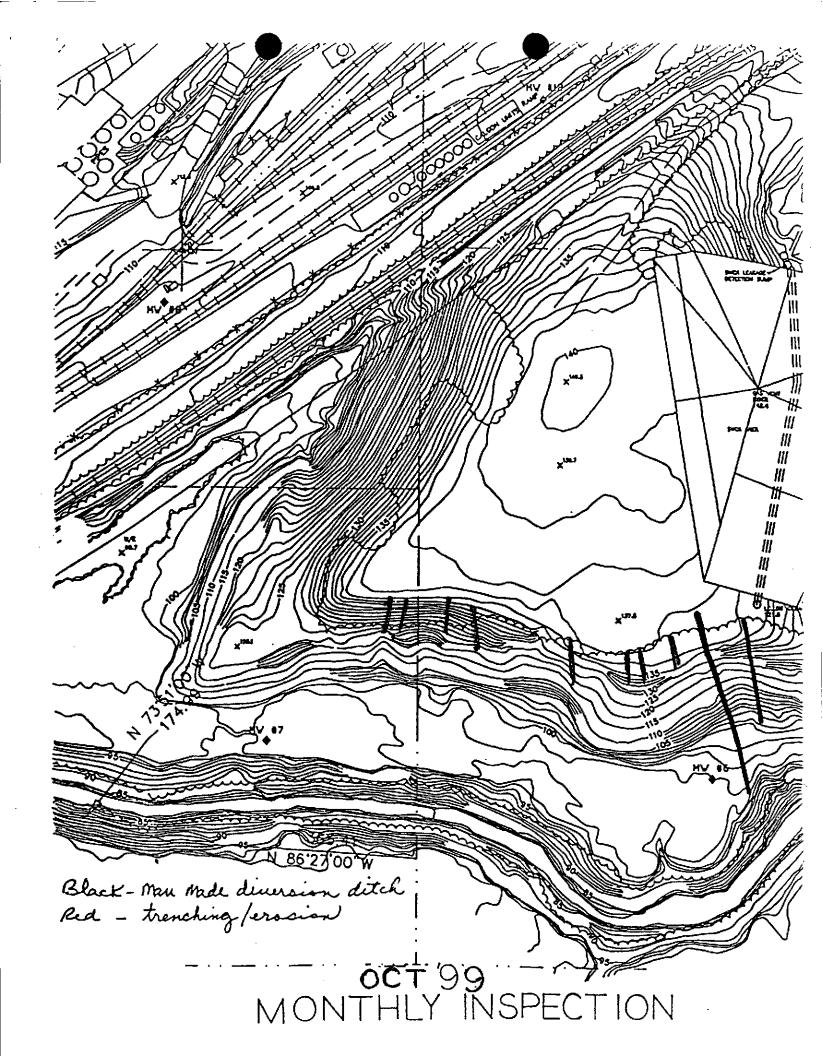
Memo To: File

October 29, 1999

From: Steve Boswell

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has vegetated well and does not exhibit any new erosional features. Side slopes do not exhibit any new erosional features and existing features are stable. Vegetation is dry due to sparse rainfall.



HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 10/25 TO

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against di	ek for build-up of ike in a flood. Wi en grass height is	rite a work orde	ould hold water er for grass
DATE	POND LEVEL	INITIALS	
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0/21/59	5.11"		==Haintenance Planner
0/26 /99 0/21/59 0/28 /99	<u> </u>	a la	Haintenance Planner Shift Superisor South Plant Supervi:
0/26/99 0/27/99 0/28/99 0/25/99	511"	a si	Shift Superisor
0/26/99 0/27/99 0/28/99 0/29/99 0-30/99	5'(1" 6' 6'0"	5 H	Shift Superisor South Plant Supervis
0/26/99 0/27/99 0/28/99 0-30/99 0-31-99	5'//" 5'//"	5 /4 5 · /-	Shift Superisor South Plant Supervis
0/26/99 0/28/99 0/28/99 0-30/99 0-31-99	·····	5 /4 5. /-	Shift Superisor South Plant Supervio

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 10-18 TO 10-24-99

	Results of i	nspection	<u>Conp</u>	
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ä	against dike		debris which control of the control	
	DATE	POND LEVEL	INITIALS	
-	10-18-99	4'5'1'	- Jou	Report needs for corrective action
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	1 n n 00	41411	fa_	Maintenance Planner
	10-20-99			Shift Superisor
	10-20-99	415"	TXK	
		415"	J.K.	South Plant Supervi
	10-21-99	415" 411	J.K.	
	10-21-99	415" 441 53"	J.K.	
	10-21-99 10-22-99 10-23-99 10-24-99	441" 53"	and actions takes	Environmental Dept.

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 10-11 to 10-17

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against o	eek for build-up of like in a flood. W hen grass height is	rite a work ord	ould hold water er for grass
DATE	POND LEVEL	INITIALS	
10-11	6'4".	<u> </u>	Report needs for corrective action
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0113	5' 9"		Maintenance Planne Shift Superisor
8-14	5'6"		South Plant Superv Environmental Dept
10-15	5'7"		
	51311	- Ju	
0-12	C1111	(Las	·
0-12 0-17	<i>\(\)</i>	7	

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 10-4 to 10-10

Pate inspected 6-4 Inspected by 5.4.11	ghting equip.	no. of drums, access, fire
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results of juspection	sults of inspection_	

2. South Pond - Record level daily, keep a minimum fitted card of two feet. Inspect dike daily for washing, satisfy, sloughing. Report faster than normal loss of livel immediately to Haintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
10-4-99	5'1"	Ø.H
10-5-99	5'5'	5.14
10-6-99	5'7"	5.11
10-7-99	5'7"	54
10-8-59	5'/"	J. L
10-8-98	5'6"	J4
10-10-99	5'11"	万 化

Report needs for corrective action to:

Haintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Results of weekly inspection and actions tak
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HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF $\frac{227}{10-3-99}$

•	pected 9-27 In	oo (<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>
of two fe sloughing immediate Check cre	nd - Record level det. Inspect dike set. Inspect dike set. Report faster tely to Haintenance sek for build-up of like in a flood. W	daily for washing han normal loss and Environment debris which c	ing, sailing, of livel al.
	en grass height is		
9.28.99	41	The state of the s	Report needs for corrective action to:
9-29-99	37	With	Maintenance Planner Shift Superisor South Plant Supervisor
9-30-93		1,12	Environmental Dept.
10-1- 99	_33"	<u>w</u>	
10-1-99	3' 10"	5. H.H.	
10-1-88 10-2-99 10-5-99	3' 10"	J. H.II	n.



Dr. Judy Sophianopoulos Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV Mailcode 4WD-RCRA 621 Forsyth Street, SW Atlanta, Georgia 30303

November 9, 1999

Re: Cedar Chemical Corporation, MSD990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Ninety-One

Dear Dr. Sophianopoulos:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Ninety-One, for the month of October, 1999. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RF! Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill is normal.

Summary of Changes made to the IM and RFI during the Reporting Period

Approximately 400 cu. yds. of compost were delivered to the site in late October. The compost was mixed at a ratio of 3:2 media to compost with contaminated soil and debris held in the Cedar Corrective Action Management Unit. The mixed materials were deposited in two former secondary containments that have been used for composting during the previous year. An additional compost unit was placed at the north end of the site of the former Dinoseb Plant (SWMU 7.)

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None needed.

Changes in Personnel

None

Projected Work for the Month

Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared.

Results of Sampling and Analysis Activities during the Report Period

None at this time.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

Steven T. Boswell Director of Env. Affairs

xc: Mr. Miles

Mr. Maione, Apperson, Crump, Duzane & Maxwell

Mr. Karkkainen, Woodward-Clyde

√Mr. Jerry Banks, MSDEQ



Mr. Jerry Banks, Chief Hazardous Waste Division Office of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385

October 9, 1999

Re: Cedar Chemical Corporation, MSD 990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Ninety

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell

Director of Env. Affairs

OCT LEONED

STB: pc

xc: Mr. Miles

Mr. Keen

Mr. Malone, Apperson, Crump Mr. Karkkainen, Woodward-Clyde

Dr. Judy Sophianopoulos Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV Mailcode 4WD-RCRA 621 Forsyth Street, SW Atlanta, Georgia 30303

October 9, 1999

Re: Cedar Chemical Corporation, MSD990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Ninety

Dear Dr. Sophianopoulos:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Ninety, for the month of September, 1999. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill is normal.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None needed.

Changes in Personnel

None

Projected Work for the Month

Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared.

The projected date for receipt of more compost for further remedial work in the CAMU is now October 21, 1999. Cedar has emptied the compost units in the CAMU and distributed the contents on the slopes immediately adjacent to the compost units for erosion protection.

Results of Sampling and Analysis Activities during the Report Period

Included with this report is the report of sampling conducted on August 19, 1999.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

Steven T. Boswell Director of Env. Affairs

1 Bosnell

xc: Mr. Miles

Mr. Malone, Apperson, Crump, Duzane & Maxwell

Mr. Karkkainen, Woodward-Clyde

Mr. Jerry Banks, MSDEQ

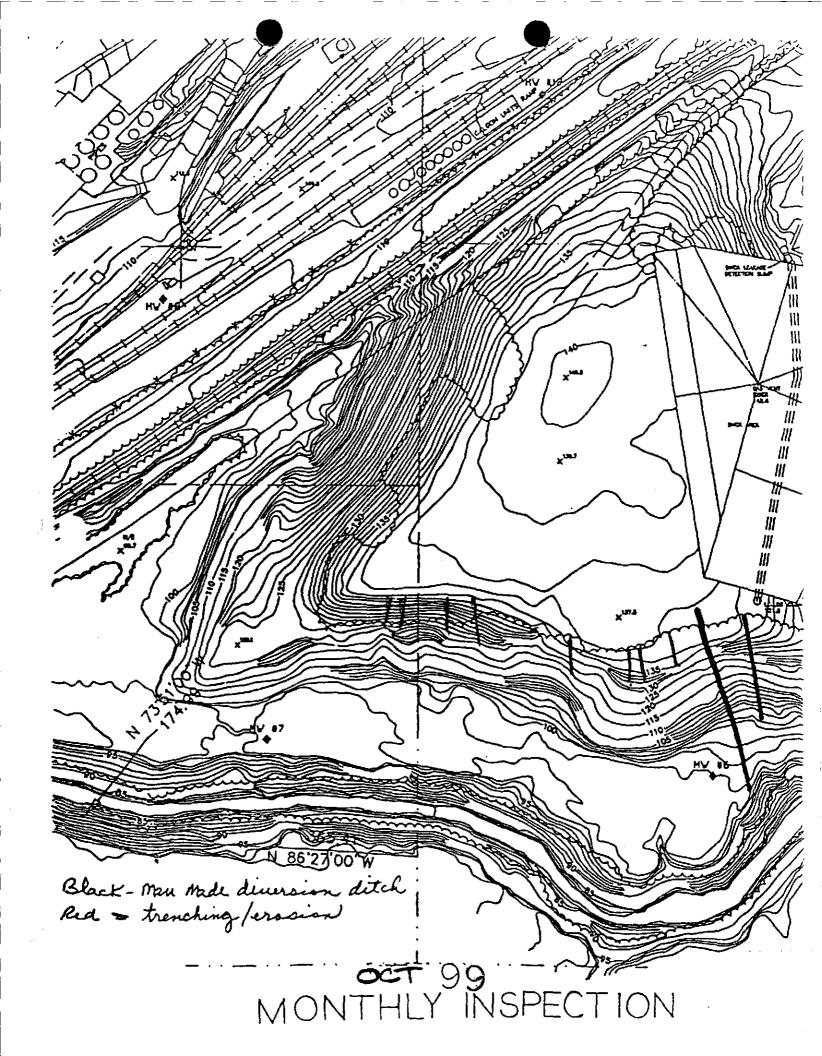
Memo To: File

October 9, 1999

From: Steve Boswell

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has vegetated well and does not exhibit any new erosion features. Side slopes do not exhibit any new erosonal features and existing features are stable.



HAZARDOUS WASTE AREA INSPECTION SHEET

FOR	THE	WEEK	OF	9.27	TO	10-3-99

	of inspection	3000	
of two fe sloughing immediate Check cre against d	d - Record level et. Inspect dike . Report faster ly to Maintenance ek for build-up o ike in a flood.	daily for washi than normal loss and Environment of debris which c Write a work ord	ng, sailing, of livel al.
mowing wh	en grass height i	s excessive. INITIALS	
9-27-99	41/11.	KW.	Report needs for
9.28.99	41	War	corrective action to:
9-29-99	3.4	USTO	Haintenance Planner
9-30-99	3'3"	UN HOL	Shift Superisor South Plant Supervisor
10-1-79	43"	When	Environmental Dept.
	3'10"	5.4.11	•
0-2-99	4'5"	J. H.77	•
10-2-99			

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 9-20 to 9-26

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mo		e in a flood. W grass height is		er for grass
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	21 -99	41411	Jan	to:
	-22-99	<u> </u>	- bu	Maintenance Planner Shift Superisor
	-23 - 99	4'0"	- hy	South Plant Superv: Environmental Dept
	-24 - 99	3'11"	(1/1)	
	-25-99	3'9"	Gefferso	•
		31/0"	<i>67 8 1</i>	

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 9-13-99 to 9-19-99

1.	Drums in 90 Day Storage - Inspect weekly for	leaks.
•	Check dates, labeling, no. of drums, access, fighting equip.	fire
	$a \circ a \circ T $	1

Date inspected 9-13-99 Inspected by 5.16.0

Results of inspection OK

2. South Pond - Record level daily, keep a minimum friedcard of two feet. Inspect dike daily for washing, sailing, sloughing. Report faster than normal loss of livel immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
9-13	3'7'"	
7-14	3'9"	
9-15	3'8''	
የ-/ ሬ	3, 7	
9-17	4'6''	
9-18	4'3"	fu
9-19	41311	Ru

Report needs for corrective action to:

Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Results	o£	weekly	inspection	and	actions	taken

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 9-6-99 to 9/12/99

fighting equi	P.	of drums, access spected by R	
of two feet. sloughing. R	Inspect dike eport faster t	aily, keep a mi daily for washi han normal loss and Environment	of layel
against dike	or build-up of in a flood. W rass height is	rite a work ord excessive.	ould hold water er for grass
9-6-99 9-7-99	OND LEVEL	RU	Report needs for corrective action
9-8-99	3 5"	RW	to: Maintenance Planner Shift Superisor South Plant Supervis
9-18-99	310"	RW IS	Environmental Dept.
9-11-99		-5 K	•
9-11-99 9-13-99 esults of weekl	77"		•

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 9-5-99

1.	Drums	in	90	Day	Storage	<u> </u>	Ins	pect, we	kly	for	leaks.
					eling,						
	fight	lng	equ	ıip.							

Date inspected 8-36-97	Inspected by T.S
Results of inspection	ck

2. South Pond - Record level daily, keep a minimum freeDoard of two feet. Inspect dike daily for washing, saccing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

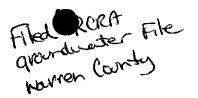
DATE	POND LEVEL	initials ZS
8-30-58 8-31-32	4'8	<u> </u>
8-1-99	4'7	7/3
9-2-78	4°3	I.S
9-3-98	4'2	II.S
9-4-99	41	AW
9-5-95	2 4 "	RW

Report needs for corrective action to:

Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Results	of	weekly	inspection	and	actions	taken:
				<u>_</u>		







Mr. Jerry Banks, Chief Hazardous Waste Division Office of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385

September 10, 1999

Re: Cedar Chemical Corporation, MSD 990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Eighty-Nine

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

GB

Sincerely,

Steven T. Boswell

Director of Env. Affairs

STB: pc

xc: Mr. Miles

Mr. Keen

Mr. Malone, Apperson, Crump

Mr. Karkkainen, Woodward-Clyde



Dr. Judy Sophianopoulos Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV Mailcode 4WD-RCRA 621 Forsyth Street, SW Atlanta, Georgia 30303

September 10, 1999

Re: Cedar Chemical Corporation, MSD990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Eighty-Nine

Dear Dr. Sophianopoulos:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Eighty-Nine, for the month of August, 1999. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill is normal.

Growth of vegetation in the northern (old Temporary Unit) and southern (other former secondary tank containments) CAMU bio-remediation units is very good.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period,

Actions taken to Rectify Problems

None needed.

Changes in Personnel

None

Projected Work for the Month

Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared.

Depending upon shipment date of fresh compost, Cedar expects to empty the compost units in the CAMU and re-load them with more material from within the CAMU. Removed material will be kept within the CAMU.

Results of Sampling and Analysis Activities during the Report Period

Sampling was conducted in the vicinity of SWMU 18 on August 19, 1999. A single location was sampled at depths from surface to approximately eight feet. Soil samples were obtained and were analyzed for total arsenic, toxaphene, dinoseb and atrazine. The results indicated surface level contamination by dinoseb (234 mg/kg), toxaphene (0.8 mg/kg) and arsenic (25.5 mg/kg). The contaminant concentrations decreased with depth with only dinoseb being detected above background at four feet depth. A report is being prepared by Cedar's contractor, Woodward-Clyde.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

Steven T. Boswell Director of Env. Affairs

Bonnell

xc: Mr. Miles

Mr. Malone, Apperson, Crump, Duzane & Maxwell

Mr. Karkkainen, Woodward-Clyde

Mr. Jerry Banks, MSDEQ

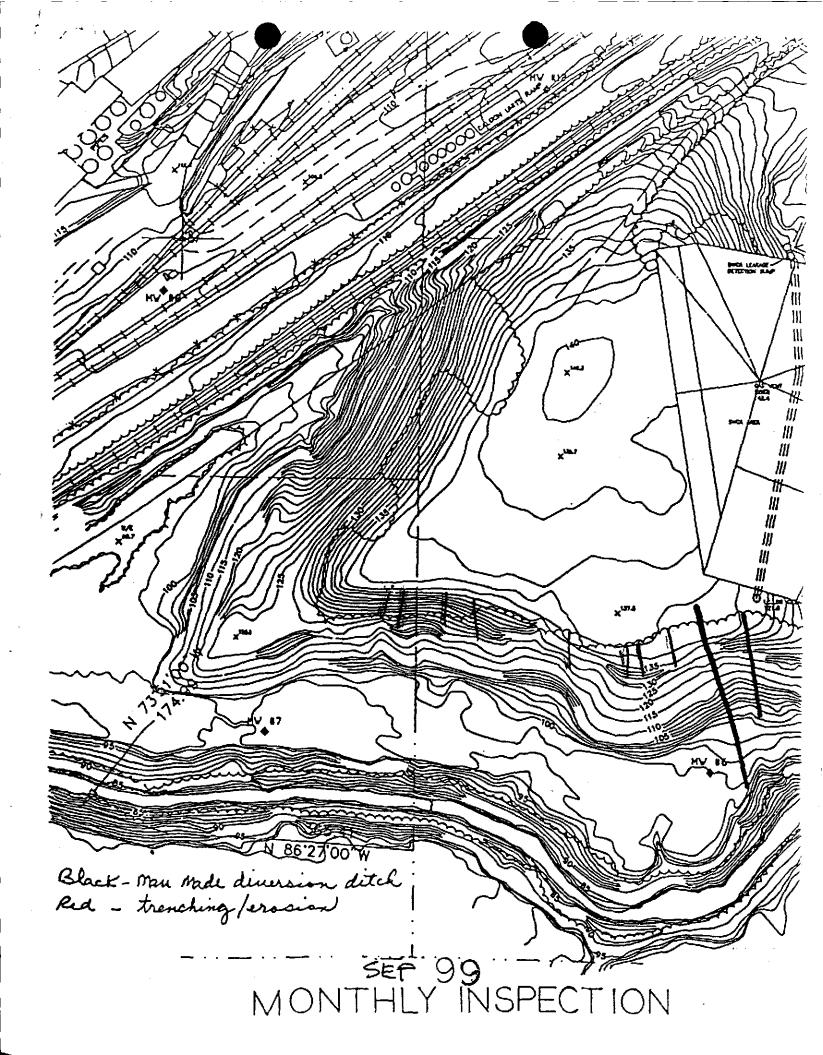
Memo To: Steve Boswell

September 9, 1999

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has vegetated well and does not exhibit any new erosion features. Side slopes do not exhibit any new eroisonal features and existing features are stable. Vegetation is dry due to sparse rainfall.



HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 9-30 TO

1.	Drums	in	90	Day	Storag	<u>e</u> -	Inst	ect. we	ekly for	leaks.
	Check	dat	e 5 ,	, lal	celing,	no.	of	drums,	access,	fild
•	fight:							-		

Date inspected_	8-70-91	Inspected	by	7.5		
Results of insp	ection	065		<u>.</u>	· · · · · · · · · · · · · · · · · · ·	

 South Pond - Record level daily, keep a minimum friendard of two feet. Inspect dike daily for washing, saiding, sloughing. Report faster than normal loss of livel immediately to Haintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

· DATE	POND LEVEL	INITIALS
8-30-99	4'/	IS
8-31-99	4'8	T.5
9-1-99	47	7.3
9-2-99	4°3	I.5
9-3-39	4'2	I15
9-4-99	41	RW
9-5-99	3 8"	ew

Report needs for corrective action to:

Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Results	of	weekly	inspection	and	actions	taken:

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 8-23 TO 8-29-99

	inspection	UL	
of two fee sloughing. immediatel	- Record level da t. Inspect dike Report faster th y to Maintenance k for build-up of	han normal loss and Environment	of 1:7el al. ould hold water
	k for build-up of ke in a flood. W n grass height is POND LEVEL	**FE # MARK	6. 10. J.
	LOND PPANM	 -	
DATE 0-03-99	41911	Jan	Report needs for
8-23-99	Company of the control of the contro	- Ju	Report needs for corrective action to:
8-23-99 8-24-99	41911	Jun Jun	corrective action to: Maintenance Plan
8-23-99 8-24-99 8-25-99	41911	Jungar Ju	corrective action to: Maintenance Plan Shift Superisor South Plant Super
8-23-99 8-24-99 8-25-99 8-26-99	3,11, 4,8,4	Jungar Jan	corrective action to: Maintenance Plan Shift Superisor
8-23-99 8-24-99 8-25-99	3, 11 x 3, 11 x 4, 8, u	Jan Jan Jan Z. S	corrective action to: Maintenance Plan Shift Superisor South Plant Super

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 8-16 to 8-22-99

	f inspection A/	K; 9h 4	
of two fe sloughing immediate Check cre against	d - Record level det. Inspect dike . Report faster to ly to Haintenance . Record like in a flood.	daily for washing han normal loss and Environment debris which of the contract	ing, silling, of livel al.
mowing wh	en grass height is	: excessive. Initials	
8-16	6'0"	SK	Report needs for
8.17	6'6"	JΚ	corrective action to:
8-18	6'3"	54	Maintenance Planne
	6'1"	5K	Shift Superisor South Plant Superv
8-19	Eldi	2/5	Environmental Dept
8-19	3 0	()	
8-19 8-20 8-21	51411	Jon	-
8-19 8-20 8-21 8-22	51411	Ou	-

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF $\frac{8-9}{}$ to

1.	Drums in 90 Day Storage	-	Inspect	weekly	for	leaks.
	Check dates, labeling,	no.	of dru	es, acc	255,	fire
•	fighting equip.					
					A >	/

Date inspected 8-9	Inspected by RW
Results of inspection	86

2. South Pond - Record level daily, keep a minimum freedcard of two feet. Inspect dike daily for washing, satisfy, sloughing. Report faster than normal loss of livel immediately to Haintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE POND LEVEL	INITIALS
8-9-99 3'11"	KW
8-10-99 38"	RW
8-11-99 3/7"	nw
8-12-99 3'1"	ew
8-13-99 3'6"	RW
8-14-90 3184	
4-15-99 58"	UMlino

Report needs for corrective action to:

Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

					<i>V</i> ·	
Results	of	weekly	inspection	and	actions	taken:
			_			
						
•						-

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 8-3-99 TO 9-9-99

ighting eq		Inspected by All	
ace tushec		Inspected by All	
esults of	inspection		
<u> </u>			

 South Pond - Record level daily, keep a minimum friendard of two feet. Inspect dike daily for washing, saiding, sloughing. Report faster than normal loss of livel immediately to Haintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

, DATE	POND LEVEL	INITIALS
8-3-99	6'1"	54
8-4-99	1012"	T,C
8-5-99	51111	I15
8-6-99	5'1	IIS
8-7-99	4'611	RW
8-8-99	4'3"	RW
8-9-99	4' 1"	RW

Report needs for corrective action to:

Haintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Results of weekly inspection and actions t	taken
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Kilek	Lin	9
80°	8-9	-9

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4.

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF $\frac{7-2b}{}$ TO $\frac{8-2-93}{}$

Date insp	equip. ected <u>7-26</u> In	spected by	<u>~_</u>
Results	f inspection	6000	
of two fee	 d - Record level det. Inspect dike Report faster t ly to Maintenance 	daily for washi han normal loss	ng, salving, of livel
against d:	ek for build-up of ike in a flood. W en grass height is	rite a work ord	
DATE	POND LEVEL	INITIALS	
7-26-89	31711	- Ju	Report needs for corrective action
	3'0"	bul	to:
7-27-99			
	2'7"	Cher	Haintenance Planner
7-27-99	2'7" 2'5"	- Gur	Shift Superisor South Plant Supervis
7-27-99		- Gur Gur	Shift Superisor
7-27-99 7-28-99 7-29-99	2'5"	Jun Zus	Shift Superisor South Plant Supervis
7-27-99 7-28-99 7-29-99 7-30-99	2'5" 2'5"	Jan Jan Zis Zis	Shift Superisor South Plant Supervis
7-27-99 7-28-99 7-29-99 7-30-99 7-31-99	2'5" 2'5" 3'4'	Jan Jan 215 215	Shift Superisor South Plant Supervis

CERTIFIED MAIL
RETURN RECEIPT RECEIPT

File Warren Correspondence General Correspondence

RECEIVED
AUG 1 2 1999
Deal of Enforcement Control
Office of Publish Control

Mr. Jerry Banks, Chief Hazardous Waste Division Office of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385

August 10, 1999

Re: Cedar Chemical Corporation, MSD 990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Eighty-Eight

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell

Director of Env. Affairs

xc: Mr. Miles Mr. Keen

STB: pc

Mr. Malone, Apperson, Crump

Mr. Karkkainen, Woodward-Clyde

Dr. Judy Sophianopoulos Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV Mailcode 4WD-RCRA 621 Forsyth Street, SW Atlanta, Georgia 30303

August 10, 1999

Re: Cedar Chemical Corporation, MSD990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Eighty-Eight

Dear Dr. Sophianopoulos:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Eighty-Eight, for the month of July, 1999. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill is normal.

Growth of vegetation in the northern (old Temporary Unit) and southern (other former secondary tank containments) CAMU bio-remediation units is very good.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None needed.

Changes in Personnel

None

Projected Work for the Month

Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared.

Results of Sampling and Analysis Activities during the Report Period

No new sampling has been performed.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

Steven T. Boswell Director of Env. Affairs

T Bornell

xc: Mr. Miles

Mr. Malone, Apperson, Crump, Duzane & Maxwell

Mr. Karkkainen, Woodward-Clyde

Mr. Jerry Banks, MSDEQ

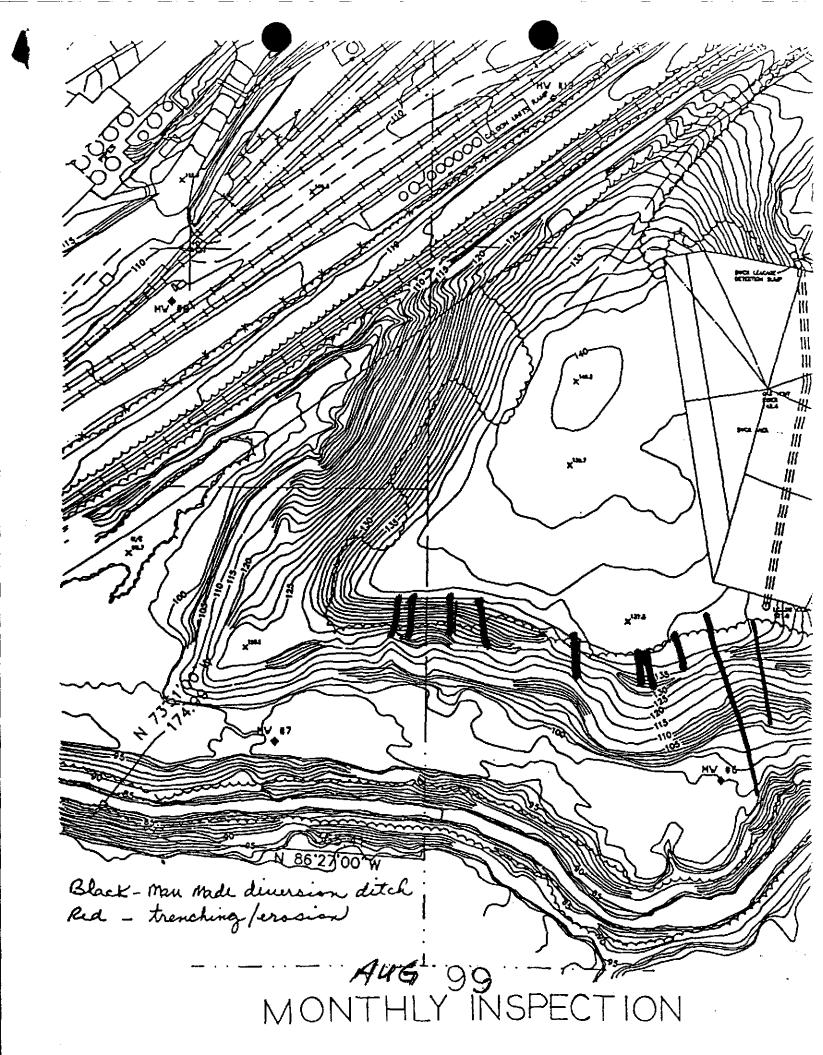
Memo To: Steve Boswell

August 9, 1999

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has vegetated well and does not exhibit any new erosion features. Side slopes do not exhibit any new erosional features and existing features are stable. Vegetation is dry due to sparse rainfall.



HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF $\frac{7-2b}{}$ to $\frac{8-2-99}{}$

ighting equip.	
Date inspected 7-26	Inspected by
Results of inspection_	6000

2. South Pond - Record level daily, keep a minimum friendard of two feet. Inspect dike daily for washing, sailing, sloughing. Report faster than normal loss of livel immediately to Haintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
7-26-99	31711	Qu
7-27-99	31011	(and
7-28-99	2'7"	Cher
7-29-99	215"	Our
7-30-99	2'5"	Day
7-31-99	31411	£15.
8-1-99	415	715

Report needs for corrective action to:

Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Results	of	weekly	inspection	and	actions	taken

Turen line	<u></u>		
- <u></u>	<u></u> _		

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 7-19-79 TO 7-25-89

Results o	f inspection	ospected by OK	
of two fe sloughing immediate	d - Record level det. Inspect dike Report faster t ly to Haintenance	daily for washi han normal loss and Environment	ng, satting, of livel al.
against d mowing wh	ek for build-up of ike in a flood. We en grass height is	irite a work ord	er for grass
C 10 TO 10	LAMD DDADD	#22744UMA	
	6'2"		Report needs for corrective action
7-19-99 1-20-99 1-21-99	6'2" 4'1"		corrective action to: Haintenance Planner Shift Superisor
DATE 7-19-99 7-20-99 7-21-99 7-22-99 7-23-99	4'2" 4'4" 3'4"		corrective action to: Naintenance Planner
7-19-99 7-20-99 7-21-99 7-22-99	4'2"	Jan	corrective action to: Haintenance Planner Shift Superisor South Plant Supervise

HAZARDOUS WASTE AREA INSPECTION SHEET

	inspection	spected by <u>A</u> Ok	<u>εω·</u>
of two fee sloughing.	- Record level da t. Inspect dike (Report faster t	daily for washi	ng, salling, of livel
immediatel	A to usrnrengues o		
Check cree against di nowing whe	k for build-up of ke in a flood. Wi n grass height is	debris which or the contract of the description of	
Check cree against di nowing whe	k for build-up of ke in a flood. Wi n grass height is POND LEVEL	debris which or the a work ord excessive. INITIALS	ler for grass
Check cree against di nowing whe	k for build-up of ke in a flood. Wi n grass height is POND LEVEL	debris which or the contract of the description of	Report needs for corrective action
Check cree against di nowing whe	k for build-up of ke in a flood. Wi n grass height is POND LEVEL	debris which crite a work ord excessive. INITIALS R W	Report needs for corrective action
Check cree against di nowing whe DATE フータータ フータータ	k for build-up of ke in a flood. Win grass height is POND LEVEL 9 5 5'' 9 5 7'' 9 5 7'' 9 5 7''	debris which or rite a work ord excessive. INITIALS RW RW	Report needs for corrective action
Check cree against di nowing whe DATE フー/ター 9 フー/ダー 9 フー/ダー 9 フー/ダー 9	k for build-up of ke in a flood. Win grass height is POND LEVEL 9 5 5'' 9 5 7'' 9 5 7'' 9 5 7'' 9 5 7''	debris which or rite a work ord excessive. INITIALS RW RW	Report needs for corrective action to: Maintenance Planne Shift Superisor
Check cree against di mowing whe DATE 7-13-9 7-13-9 7-15-9	k for build-up of ke in a flood. Win grass height is POND LEVEL 9 5'5'' 9 5'8'' 9 5'7''	debris which or rite a work ord excessive. INITIALS RW RW	Report needs for corrective action to: Maintenance Planne Shift Superisor South Plant Superv

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF $7-5-9\circ$ TO 7-11-99

	inspection		
of two fee	- Record level d t. Inspect dike Report faster t y to Maintenance	daily for vashi han normal lo≤s	ng, sailing, of livel
against di	k for build-up of ke in a flood. W n grass height is	rite a work ord	ould hold water er for grass
DATE	BOND FEAST	INITIALS	
DATE		•	
7-5-99	51111	<u> </u>	Report needs for
7-5-99	5'1'' 5'1"	Z.5	Report needs for corrective action to:
7-5-99	5'1"		corrective action to: Maintenance Planne:
7-5-99		5x Z,5	corrective action to: Maintenance Planne: Shift Superisor South Plant Superv
7-5-99 7-6-29 7-7-91 7-8-99 7-9-19	5'1" 4'8"	24	corrective action to: Maintenance Planne: Shift Superisor
7-5-99 7-6-29 7-7-91 7-8-99 7-9-13 7-10-33	5'1" 4'8" 4'6"	5x Z,5	corrective action to: Maintenance Planne: Shift Superisor South Plant Superv
7-5-99 7-6-29 7-7-91 7-8-99 7-9-13 7-5-33	5'1" 4'8"	5x Z,5	corrective action to: Maintenance Planne: Shift Superisor South Plant Superv

FOR THE WEEK OF 6-28-99 TO 7-4-99

1.	Drums in 90 Day Storage	<u> </u>	Inspect	weekly	for	leaks.
	Check dates, labeling,	no.	of drum	s, acce	35,	fire
•	fighting equip.					

Date inspected 6-28-99	Inspected	by MG
Results of inspection	0 K	
•		

2. South Pond - Record level daily, keep a minimum freedard of two feet. Inspect dike daily for washing, sacing, sloughing. Report faster than normal loss of livel immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

date 6-28-99	POND LEVEL	initials MG
6-29-99	5'5"	M 6
6-30-99	5'6"	M6
7-1-99	41811	M6
7:2-99	5'0"	5K
7-3-75	5727	7.3
~- 4-99	5.2	T, ζ

Report needs for corrective action to:

Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Results of weekly inspection and actions taken:

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FILE COPY

KCRA

Mr. Jerry Banks, Chief Hazardous Waste Division Office of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385

July 9, 1999

Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Eighty-Seven

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

xc: Mr. Miles

Mr. Keen

Mr. Malone, Apperson, Crump Mr. Karkkainen, Woodward-Clyde

File

Steven T. Boswell Director of Env. Affairs



Dr. Judy Sophianopoulos Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV Mailcode 4WD-RCRA 621 Forsyth Street, SW Atlanta, Georgia 30303

July 9, 1999

Re: Cedar Chemical Corporation, MSD990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Eighty-Seven

Dear Dr. Sophianopoulos:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Eighty-Seven, for the month of June, 1999. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill is normal.

Growth of vegetation in the northern (old Temporary Unit) and southern (other former secondary tank containments) CAMU bio-remediation units is very good.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None needed.

Changes in Personnel

None

Projected Work for the Month

Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared.

Results of Sampling and Analysis Activities during the Report Period

No new sampling has been performed.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

Steven T. Boswell Director of Env. Affairs

xc: Mr. Miles

Mr. Malone, Apperson, Crump, Duzane & Maxwell

Mr. Karkkainen, Woodward-Clyde

Mr. Jerry Banks, MSDEQ

File



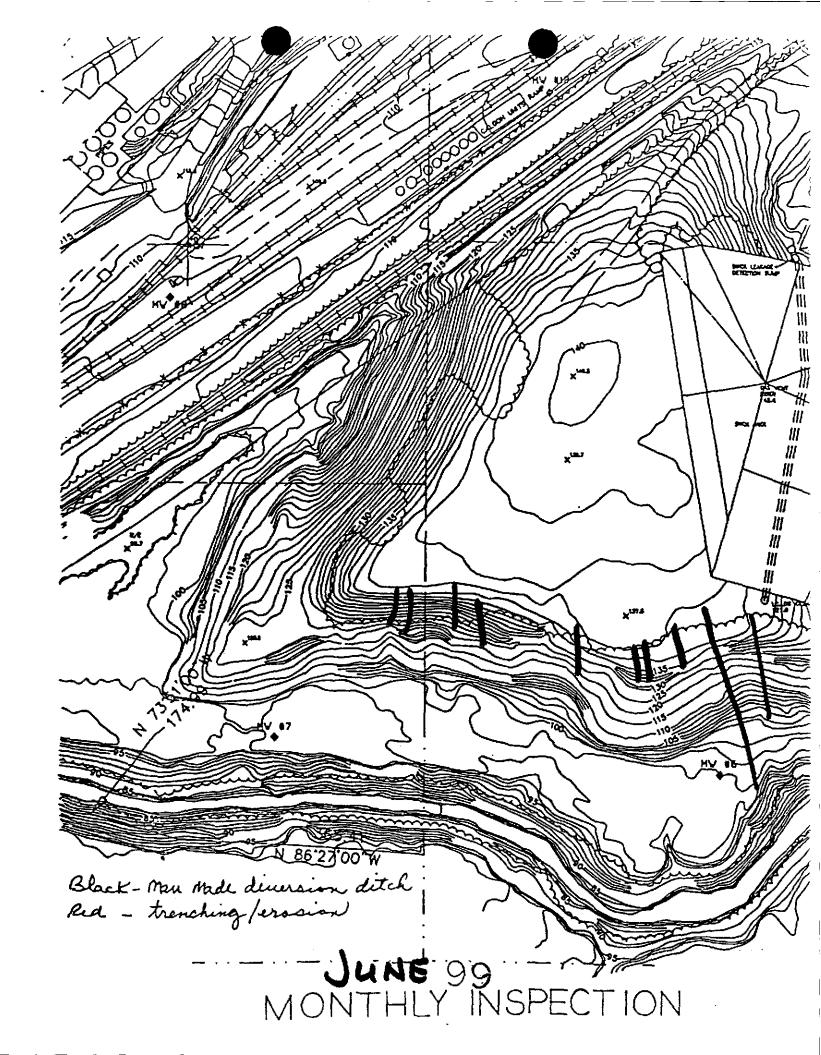
Memo To: Steve Boswell

July 8, 1999

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has vegetated well and does not exhibit any new erosion features. Side slopes do not exhibit any new eroisonal features and existing features are stable. Vegetation is dry due to sparse rainfall.



HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 6-28-99 to 7-4-99

1.	Drums	in	90	Day	Storag	<u>e</u> -	Ins	pect	we	kly	for	leaks.
	Check	dat	ces	, lal	beling,	no.	of	dru	25,	acce	:55,	LILE
•	fight	lng	eq	uip.								

Date inspected 6-28-99	Inspected	by W 6
Results of inspection	0 K	
		·

 South Pond - Record level daily, keep a minimum freeDoard of two feet. Inspect dike daily for washing, sacrage, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass moving when grass height is excessive.

6-28-99	POND LEVEL	initials MG
6-29-99	51511	MG
6-30-99	5611	M6_
7-1-99	41811	M6
7-2-99	5'0"	5K
7-3-99	5'2"	7.5
~-4-79	3'2	IS

Report needs for corrective action to:

Haintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Results of weekly inspection and actions taken:

 nuer	Sino	de	

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 6-21-99 to 2-27-99

Results	of inspection	oh	
of two i	ond - Record level die leet. Inspect dike ng. Report faster t cely to Maintenance	daily for washi than normal loss and Environment	ng, sating, of livel al.
Chack c	each for hudld-up of	' debris which c	
against mowing v	ceek for build-up of dike in a flood. When grass height is	rite a work ord excessive.	er for grass
against mowing v	dike in a flood. W	irite a work ord	er for grass
against mowing v DATE	dike in a flood. When grass height is	rite a work ord s excessive.	er for grass Report needs for corrective action
against mowing v DATE 6-21.99	dike in a flood. When grass height is	rite a work ord s excessive.	er for grass Report needs for
against mowing w DATE 6-21-99 1-21-99	dike in a flood. When grass height is	rite a work ord s excessive.	er for grass Report needs for corrective action to:
against mowing v	dike in a flood. When grass height is POND LEVEL 3' /" 3' /"	rite a work ord s excessive.	er for grass Report needs for corrective action to: Maintenance Planner Shift Superisor
against mowing v DATE 6-21-99 1-22-99 1-23-99 1-24-99	dike in a flood. When grass height is POND LEVEL 3' /" 3' /"	rite a work ord s excessive.	er for grass Report needs for corrective action to: Maintenance Planner Shift Superisor South Plant Supervi:

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 6-14-99 to 6-20-98

1	Drums in 90 Day Storage - Inspect weekly for leaks.
•	Check dates, labeling, no. of drums, access, fire fighting equip.
	Date inspected 6-14-99 Inspected by

Results of inspection_____

2. South Pond - Record level daily, keep a minimum freedard of two feet. Inspect dike daily for washing, saccing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
6-14-99	3 8	RW
6-15-99	<u> </u>	RW
6-16-99	3 41	RW
6-17-99	3'1"	RW
6-18-99	3'	RW
6-19-99	2' 11"	OK_
6-20-90	3' 2''	54

Report needs for corrective action to:

Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Results	of	weekly	inspection	and	actions	taken:
		-				

	•	

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 6-7 TO 6-13-99

600n

1.	Drums in 90 Day Storage - Inspect weekly for leaks.
	Check dates, labeling, no. of drums, access, fire fighting equip.
	Date inspected 6-7-99 Inspected by I.S.

Results of inspection____

2. South Pond - Record level daily, keep a minimum friedcard of two feet. Inspect dike daily for washing, sailing, sloughing. Report faster than normal loss of livel immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	initials
6-7-99	411011	T.5
6-8-99	4.811	J.5
6-9-99	4'6'	I.5
6-10-99	4.811	TS
6-11-99	3'41	I,S
6-12-99	3'5"	RW
6-13-9	1 3'2"	RW

Report needs for corrective action to:

Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Results	of	weekly	inspection	and	actions	taken:
-		\sim	A. C.			

River	ne OK		 	
		•		
······································			 •	

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 5-31-99 to 6-6-99

Date inspe	cted 5-31-99 Ir	spected by	1.G.				
Results of	inspection	0 K					
of two fee sloughing. immediatel	South Pond - Record level daily, keep a minimum francard of two feet. Inspect dike daily for washing, saling, sloughing. Report faster than normal loss of livel immediately to Haintenance and Environmental. Check creek for build-up of debris which could hold water						
	n grass height is		•				
DATE	POND LEVEL	INITIALS					
10		reserve and the second	Report needs for				
DATE	POND LEVEL 4/3	INITIALS	Report needs for corrective action to:				
DATE 5-31-99 6-1-99 6-2-99	POND LEVEL 417 418	initials MG	corrective action to: Maintenance Planner				
DATE 5-31-99 6-1-99 6-2-99 6-3-99	POND LEVEL 4/3 4/7 4/8 4/12	INITIALS MG MG	corrective action to: Haintenance Planner Shift Superisor South Plant Supervisor				
5-31-99 6-1-99 6-2-99 6-3-99 6-4-99	POND LEVEL 417 418	INITIALS MG MG	corrective action to: Haintenance Planne: Shift Superisor				
5-31-99 6-1-99 6-2-99 6-3-99 6-4-99	POND LEVEL 4/3 4/7 4/8 4/12 4/12	INITIALS MG MG	corrective action to: Haintenance Planner Shift Superisor South Plant Supervisor				
5-31-99 6-1-99 6-2-99 6-3-99 6-4-99	POND LEVEL 413 417 418 4112 4112 4111	INITIALS MG MG	corrective action to: Haintenance Planner Shift Superisor South Plant Supervisor				





Mr. Jerry Banks, Chief Hazardous Waste Division Office of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385

June 9, 1999

Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Eighty-Six

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell

Director of Env. Affairs

STB: pc

xc: Mr. Miles

Mr. Keen

Mr. Malone, Apperson, Crump

Mr. Karkkainen, Woodward-Clyde

File



Dr. Judy Sophianopoulos Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV Mailcode 4WD-RCRA 621 Forsyth Street, SW Atlanta, Georgia 30303

June 9, 1999

Re: Cedar Chemical Corporation, MSD990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Eighty-Six

Dear Dr. Sophianopoulos:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Eighty-Six, for the month of May, 1999. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill is normal.

Growth of vegetation in the northern (old Temporary Unit) and southern (other former secondary tank containments) CAMU bio-remediation units is very good.

Summary of Changes made to the IM and RFI during the Reporting Period

A temporary floor consisting of a three inch layer of asphalt paving was installed in the south end of SWMU 9. The floor will serve to inhibit spread of remaining contamination, enhance the utility of the building and allow for ease of removal at such time that further remediation is necessary. The original floor in this area of SWMU 9 was earlier partially removed and placed in the Corrective Action Management Unit.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None needed.

Changes in Personnel

None

Projected Work for the Month

Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared.

Results of Sampling and Analysis Activities during the Report Period

No new sampling has been performed.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

Steven T. Boswell Director of Env. Affairs

xc: Mr. Miles

Mr. Malone, Apperson, Crump, Duzane & Maxwell

Mr. Karkkainen, Woodward-Clyde

Mr. Jerry Banks, MSDEQ

File

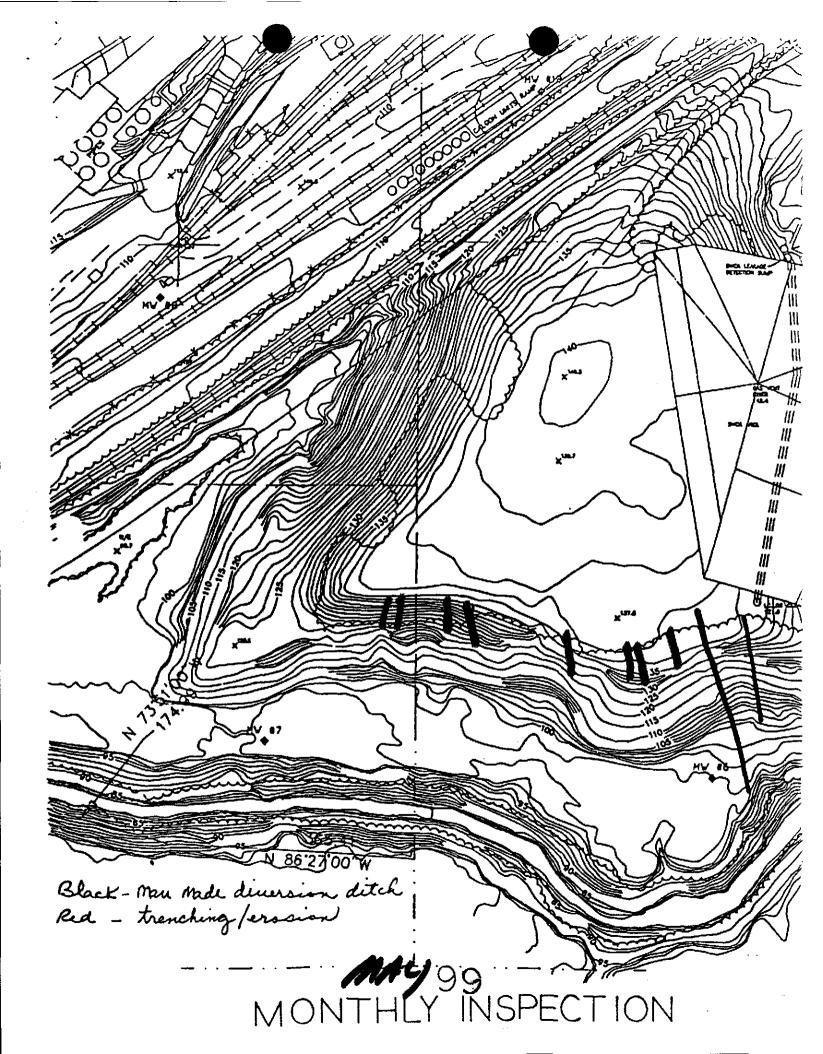
Memo To: Steve Boswell

June 5, 1999

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has vegetated well and does not exhibit any new erosion features. Side slopes do not exhibit any new eroisonal features and existing features are stable. Vegetation is dry due to sparse rainfall.



HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 5-31-99 to 6-6-99

Dagules ad	inspection	aspected by					
Results of	Inspection						
of two fee sloughing.	South Pond - Record level daily, keep a minimum friendard of two feet. Inspect dike daily for washing, sailing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.						
against di	k for build-up of ke in a flood. W n grass height is	rite a work ord					
DATE	POND LEVEL	initials					
5-31-99	4/3	MG	Report needs for corrective action				
6-1-99	417	MG	to:				
6-2-99	4'8	M6	Maintenance Planner Shift Superisor				
4-3-99	4'12	M6	South Plant Supervi Environmental Dept.				
	411.2	MG	•				
6-4-99	;	-					
6-4-99 6-5-99 6-6-99	4'//	I,S					

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 5-24-49 to 5-30-99

1.	Drums	in	90	Day	Storag	<u>e</u> -	Ins	pect	wed	kly	for	leaks.
•	Check	dat	:65,	lal	beling,	no.	of	dru	ns,	acce	:55,	fire
•	fight	ing	equ	iip.								

Date inspected 5-24-99	Inspected by Bla
Results of inspection	ok

2. South Pond - Record level daily, keep a minimum friedcard of two feet. Inspect dike daily for washing, sailing, sloughing. Report faster than normal loss of livel immediately to Haintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
5=24-99	4'0"	5K
5.25.99	4'1"	5K
5.26.99	3'10''	びケ
5.27-99	3'6"	 る た
5-21-91	3'10	<u>5</u> K
5-29-99	4'0	MG
5-30-99	41	MG

Report needs for corrective action to:

en de la companya de Companya de la compa

> Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Results of weekly inspection and actions taken:

Ruew	line	ok		

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 5-17 to 5-23-19

	te inspected_		,	
01 5] 11 C}	two feet. I loughing. Rep mediately to	nspect dike da ort faster tha Maintenance and build-up of da a flood. Wri	in normal loss id Environment lebris which co ite a work ord	ai.
	DAIDG AUGU Ata	se nerane re		
. .		D LEVEL	INITIALS	
	DATE PON	D LEVEL	initials L(v	Report needs for
	DATE PON			Report needs for corrective action to:
	DATE POR 5-17-99 5-19-11	3'9"	Kli	corrective action to: Haintenance Planner
	DATE PON 5-17-99 5-19-71 5-11-97	3'9" 3'9"	RW.	corrective action to: Haintenance Planner Shift Superisor South Plant Superviso
	DATE PON 5-17-99 5-19-99 5-20-99	3'9" 3'9" 3'8"	RW.	corrective action to: Haintenance Planner Shift Superisor
	DATE PON 5-17-99 5-18-71 5-11-99 5-21-99	3'9" 3'9" 3'8" 3'7" 3'7"	RW. RW.	corrective action to: Haintenance Planner Shift Superisor South Plant Superviso
	DATE POR 5-17-99 5-14-99 5-20-99 5-21-99 5-22-99	3'9" 3'9" 3'8" 3'7" 3'7" 3'4"	RW. RW.	corrective action to: Haintenance Planner Shift Superisor South Plant Superviso
	5-17-99 5-17-99 5-11-99 5-20-99 5-21-99 5-22-99 5-23-99	3'9" 3'9" 3'7" 3'7" 3'7" 3'4" 3'9"	RW RW RW RW SK SK	corrective action to: Haintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 99 to 5-16-99

		nspection	spected by	
of t	two feet.	Record level da Inspect dike d Report faster th to Haintenance a	laily for washi an normal loss	ng, sa:
inse				
Chec	inst dike ing when	for build-up of in a flood. Wr grass height is	ite a work ord excessive.	ould hold water ler for grass
Chec agai mowi	inst dike ing when	in a flood. Wr grass height is POND LEVEL	ite a work ord excessive. INITIALS	er for grass
Chec agai mowi	inst dike ing when	in a flood. Wr grass height is POND LEVEL	ite a work ord excessive.	er for grass Report needs for corrective action
Chec agai mowi	inst dike ing when	in a flood. Wr grass height is POND LEVEL 4/3//	ite a work ord excessive. INITIALS	Report needs for corrective action to:
Chec agai mowi	inst dike ing when	in a flood. Wr grass height is POND LEVEL 4/3" 4/0" 4/2"	ite a work ord excessive. INITIALS	er for grass Report needs for corrective action
Chec agai mowi	inst dike ing when	in a flood. Wr grass height is POND LEVEL 4/3//	ite a work ord excessive. INITIALS	Report needs for corrective action to: Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.
Chec agai mowi	inst dike ing when	in a flood. Wr grass height is POND LEVEL 4/3" 4/0" 4/2"	ite a work ord excessive. INITIALS	Report needs for corrective action to: Maintenance Planner Shift Superisor South Plant Supervisor

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF $\frac{5-3-49}{5}$ to $\frac{5-9-99}{5}$

1.	Drums in 90 Day Storag	<u> 7e</u> -	Inspect weekly for	leaks.
	Check dates, labeling,	, no.	of drums, access,	fire
	fighting equip.			

Date inspected 5-3-99 Inspected by M.G.
Results of inspection

 South Pond - Record level daily, keep a minimum friendard of two feet. Inspect dike daily for washing, satisfy, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
5-3-99	4'9''	MG
5-4-99	4-711	M.G.
5-5-99	4161	M.G
5-6-99	4'2"	MG
5-7-99	311011	M.G
5-8-99	3'10"	I.5
5-9-99	4'2"	I15

Report needs for corrective action to:

Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Results	of	weekly	inspection	and	actions	taken:	
							

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF $\frac{4-26-99}{}$ TO $\frac{5\cdot2-99}{}$

ate inspected_	4-26-99 Inspected by 5k
esults of insp	pection NP W Construction
ON Bldg.	

2. South Pond - Record level daily, keep a minimum friendard of two feet. Inspect dike daily for washing, sailing, sloughing. Report faster than normal loss of livel immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
4-26	W 4"	54
y-27	4"	JK
y. 28	4'6"	2×
Y-29	419"	5K
4-30	4° 7"	TK
5-1'	4-4	MG
5-7-	41911	MG

Report needs for corrective action to:

Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Results of weekly inspection and actions taken:

4-26-99	RWER	LINE	ok e	81.	
-					







Mr. Jerry Banks, Chief Hazardous Waste Division Office of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385

May 10, 1999

Re: Cedar Chemical Corporation, MSD 990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Eighty-Five

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell

Director of Env. Affairs

I. Bornell

STB: pc

xc: Mr. Miles

Mr. Keen

Mr. Malone, Apperson, Crump

Mr. Karkkainen, Woodward-Clyde

File



Dr. Judy Sophianopoulos Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV Mallcode 4WD-RCRA 621 Forsyth Street,SW Atlanta, Georgia 30303

May 10, 1999

Re: Cedar Chemical Corporation, MSD990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Eighty-Five

Dear Dr. Sophianopoulos:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Eighty-Five, for the month of April, 1999. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill is normal.

Growth of vegetation in the northern (old Temporary Unit) and southern (other former secondary tank containments) CAMU bio-remediation units is very good.

Summary of Changes made to the IM and RFI during the Reporting Period

None. See below for projected work.

Cedar has constructed a facility for the production of time-release-coated fertilizers in the north end of SMWU 9. A concrete floor has been installed over the original floor to both isolate the original floor and prevent rainfall run-on. The construction was preceded by an investigation of the ground underlying the unit. Results of that investigation were forwarded to USEPA and MSDEQ in late March of this year.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period. The area of erosion identified in the month of December report has been repaired.

Actions taken to Rectify Problems

See above.

The Potassium People

Changes in Personnel

None

Projected Work for the Month

Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared.

A temporary floor consisting of a three inch layer of asphalt paving will be installed in the south end of SWMU 9. The floor will serve to inhibit spread of remaining contamination, enhance the utility of the building and allow for ease of removal at such time that further remediation is necessary. The original floor in this area of SWMU 9 was earlier partially removed and placed in the Corrective Action Management Unit. Please see attached diagram of the south end of SWMU 9.

Results of Sampling and Analysis Activities during the Report Period

No new sampling has been performed.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

Steven T. Boswell Director of Env. Affairs

T Borwell

xc: Mr. Miles

Mr. Malone, Apperson, Crump, Duzane & Maxwell

Mr. Karkkainen, Woodward-Clyde

Mr. Jerry Banks, MSDEQ

File

Adjacent room is site of newly built fertilizer particle coating plant. Vicksburg Chemical **SWMU 9 Floor** Dimensions approx. 70' x 70' Floor trench & sumps to be filled with crushed limestone This floor will paved with three inches of asphalt.

Adjacent Change Room Building

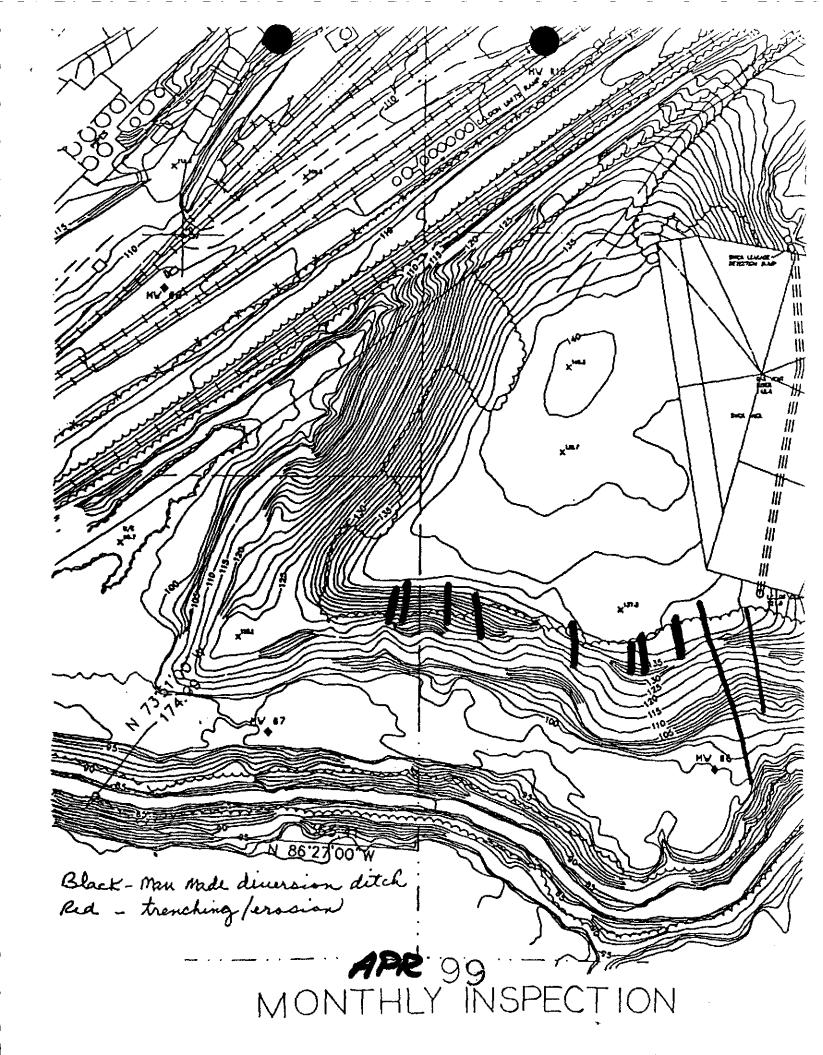
Memo To: File

May 10, 1999

From: Steve Boswell

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has vegetated well and does not exhibit any new erosional features. Side slopes do not exhibit any new erosional features and existing features are stable. Vegetation is dry due to sparse rainfall.



HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 4-26-99 TO 5.2.99

1.	Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.
	Date inspected 4-24-49 Inspected by 5k
	Results of inspection NP W Con STRUCT In
	ON BISC.
•	South Pond - Record level daily, keep a minimum friedcard of two feet. Inspect dike daily for washing, sailing, sloughing. Report faster than normal loss of livel immediately to Maintenance and Environmental.
	Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for green

mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
4-26	W-4"	SK
4-27	414"	JK
4.28	4'6"	7×
Y-29	419"	TK
4-30	4'7"	TK
5-1'	4-4	MG
5-2	41911	MG_

Report needs for corrective action to:

Property of the second of the

Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Results of weekly inspection and actions taken:

4-26-99	RWER	LINE	ok e	2 81	•
					

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 4-19-99 TO 4-25-99

	pected <u>4-19-99</u> I of inspection	-	<u>CW</u>
	or inspection	700	
sloughing immediate	d - Record level (et. Inspect dike). Report faster (ely to Haintenance	daily for wash: than normal los: and Environment	ing, saling, s of livel tal.
against q	ek for build-up of ike in a flood. We en grass height is POND LEVEL	/rite a work ord	could hold water. Her for grass
4-19-99 f-20-99	5' 7"	RW	Report needs for corrective action to:
7-20-99	5'a"	RW	. Maintenance Planner
4-21-99	5'	RW	Shift Superisor
4-21-99 4-22-99 4-23-99		nh/ RW	
4-21-99 6-22-99 4-23-99 6-24-99	5'	RW	Shift Superisor South Plant Supervisor Environmental Dept.
4-21-99 4-22-99 4-23-99 4-23-99 4-25-99 esults of we	5' 4'3" 4'2"	RW SK SK nd actions take	Shift Superisor South Plant Supervisor Environmental Dept. River 41 NO 5 790 4-20-99

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 412 TO 4-18-59

Results o	f inspection	spected by	
of two fe sloughing immediate	<pre>d - Record level det. Inspect dike . Report faster t ly to Maintenance ek for build-up of</pre>	daily for washi than normal loss and Environment	ng, saig, of livel al.
against d	ike in a flood. We en grass height is	irite a work ord	er for grass
11 110	4-12-95	155	Report needs for corrective action
<i>4-13-</i> 99	* *		
4-14-99	4-7"	I.S	Maintenance Planner Shift Superisor
4-14-99	4-7" 4-1" 5'1" 5'3'1	I.5 I.5 I.5	
4-13-99 4-14-99 4-15-99	4-7" 4-11"	I.5 I.5	Shift Superisor South Plant Superv

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 4.5-99 to 4-11-99

1.	Drums in 90 Day Storage	<u>.</u> -	Ins	pect we	ekly for	leaks.
	Check dates, labeling,	no.	of	drums,	access,	fire
•	fighting equip.					

Date inspected 4-5-99	Inspected by	M.G.
Results of inspection	OK	
		••

 South Pond - Record level daily, keep a minimum friendard of two feet. Inspect dike daily for washing, sailing, sloughing. Report faster than normal loss of livel immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
4-5-99	41311	M.G.
4-6-99	311011	M. G.
4-7-99	3'11"	M.G
4-8-99	3'7"	M.G.
4-9-99	3/8"	M.G
4-10-99		7.5
4-11-99	Y'3"	J.5

Report needs for corrective action to:

and the second of the second second second second second second second in the second s

Haintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Results	of	weekly	inspection	and	actions	taken:
<u></u>		<u></u>		_ 		

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 3-29-99 TO 4-9-99

المواه برديامة الإدمير والانام ميتواهد والمطالية الأعليمة الأدوار معا ما ماه الدول والأمار الأمار. المواه برديامة الإدمير والانام ميتواهد والمطالية الأعليمة الأدوار معا ما ماه الدول المستور والأمار الأمار الأم

1.	Drums	in	90	Day	Storage	<u>e</u> -	Insi	pect	Wed	kly	for	leaks.
_	Check	dat	ės,	, lal	beling,	no.	of	dru	25,	acce	255,	fire
	fight	ing	equ	μip.								

Date inspected 3-29-99	Inspected by Bhw
Results of inspection	ok
	·

2. South Pond - Record level daily, keep a minimum friendard of two feet. Inspect dike daily for washing, sailing, sloughing. Report faster than normal loss of livel immediately to Haintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
3-29-99	6'2"	36 w
3.30-99	6'7"	Blu
3-31-49	5111"	26 W
4-1-99	6.0.	86 w
Y-2- 99	5'0"	36a
4-3-49	5'2"	M. G.
4-4-99	41 811	RW

Report needs for corrective action to:

Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Results of weekly inspection and actions taken:

RIVER PINE	06	e 71.	4-1-99-1	0:00 AM.	
Rivor line	ok	6 200	4-2-99	10:00 Am	· · · · · · · · · · · · · · · · · · ·
Riverline	ok	C 710	11-2-99	10:00 AM	· ·
Rivertine	οK	C710	V-4.94	MA 00:01	

Mr. Jerry Banks, Chief Hazardous Waste Division Office of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385

April 9, 1999

Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Eighty-Four

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell Director of Env. Affairs

STB: pc

xc: Mr. Miles

Mr. Keen

Mr. Malone, Apperson, Crump

Mr. Karkkainen, Woodward-Clyde



Dr. Judy Sophianopoulos Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV Mailcode 4WD-RCRA 621 Forsyth Street,SW Atlanta, Georgia 30303

April 9, 1999

Re: Cedar Chemical Corporation, MSD990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Eighty-Four

Dear Dr. Sophianopoulos:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Eighty-Four, for the month of March, 1999. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill is normal.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period. The area of erosion identified in the month of December report has not expanded. A work order has been entered, and awaits drier conditions that will allow access by earth moving equipment.

Actions taken to Rectify Problems

See above.

Changes in Personnel

None

Projected Work for the Month

Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared.

Results of Sampling and Analysis Activities during the Report Period

No new sampling has been performed. A report describing investigatory work in SWMU 9 was submitted to EPA and MSDEQ March 29, 1999.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

Steven T. Boswell Director of Env. Affairs

xc: Mr. Miles

Mr. Malone, Apperson, Crump, Duzane & Maxwell

Mr. Karkkainen, Woodward-Clyde

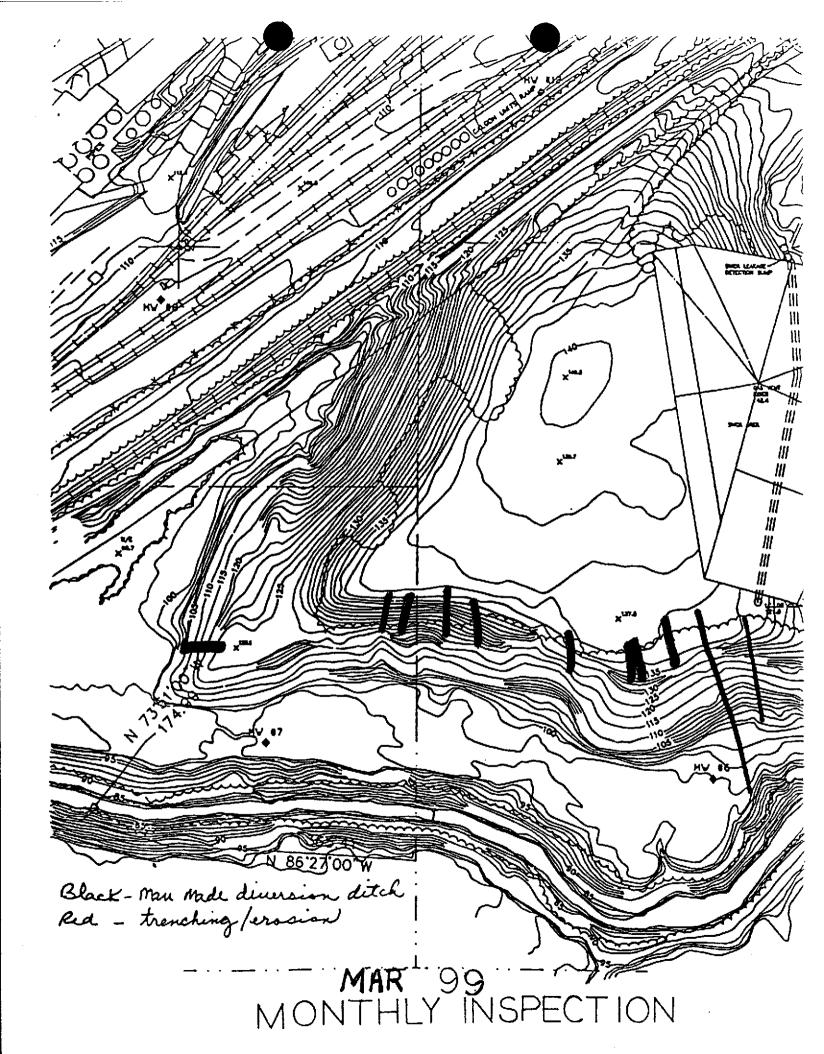
Mr. Jerry Banks, MSDEQ

Memo To: Steve Boswell April 8, 1999

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has vegetated well and does not exhibit any new erosion features. There is no evidence of discolored soil at this time. Grass growth has been very good, as has the uniformity of the grass coming up in all areas of the surface. The side slope on the secondary plateau on the South side of the landfill has some undermining and caving thus starting to create an erosion channel. A work order has been written to repair damaged area with fresh soil. Due to inclimate weather during the winter months the ground on top of the landfill is softer than desirable for the use of heavy equipment. Maintenance will wait for some more dry weather so top of landfill would be firmer before putting heavy equipment in the area. Otherwise, there seem to be little change to status of the landfill.



HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 3-29-99 TO 4-9-99

1.	Drums	in	90	Day	Storage	-	Ins	ect	Wee	kly	for	leaks.
•	Check	dat	es,	lat	eling,	no.	of	dru	RS,	acce	35,	fire
	fight	ing (equ:	íp.								

Date inspected 3-29-99	Inspected by Bhw
Results of inspection	ok_

2. South Pond - Record level daily, keep a minimum friendard of two feet. Inspect dike daily for washing, sailing, sloughing. Report faster than normal loss of livel immediately to Haintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
3-29-99	6'2"	360
3.30-99	6'7"	Blu
3_31- 99	5'11"	26w
4-1-99	6.0.	36 w
Y-2- 99	5'0"	360
4-3-99	512"	M. G.
4-4-99	41 811	RW

Report needs for corrective action to:

Process of the process of the same of the process o

Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Results of weekly inspection and actions taken:

RIVER INE OF	0 71.	4-1-99-1	0:00 AM.	
Riverline ok	C 70°	4-2.99	10:00 Am	
Riverline ok	C 710	4-3-99	10:00 AM	
Rivertine ok	C710	Y-4.99	MA 00:01	

HAZARDOUS WASTE AREA INSPECTION SHEET

te inspected 3-22	199 Inspected by
sults of inspection	Good

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

immediately to Maintenance and Environmental.

DATE	POND LEVEL	INITIALS
3-22-99	3.7"	Et
3-23-99	3'1"	08
3-24-99	3'6"	08
3-25-99	3'1"	M
3-26-99	3'4"	08
3-27-99	4. 4"	360
3-28-99	511"	Blu

Report needs for corrective action to:

Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Riving hie Sk 66°

weekly inspection and actions taken:	

f	heck date ighting e ate inspe	A latter	of drums, acces	fire fire
R -	esults of	inspection	<u>OK</u>	
s i C	f two fee loughing. mmediatel heck cree gainst di	- Record level d t. Inspect dike Report faster t y to Maintenance k for build-up of ke in a flood. W n grass height is	daily for washing han normal loss and Environment debris which crite a work ord	ng, saig, of livel cal.
s i C	f two fee loughing. mmediatel heck cree gainst di	t. Inspect dike Report faster t y to Maintenance k for build-up of	daily for washing han normal loss and Environment debris which crite a work ord	ng, saig, of livel cal.
s i C	f two fee loughing. mmediatel heck cree gainst di	t. Inspect dike Report faster t y to Maintenance k for build-up of ke in a flood. W n grass height is	daily for washing han normal loss and Environment debris which of the excessive.	ng, saig, of livel cal.
s i C	f two fee loughing. mmediatel heck cree gainst di	t. Inspect dike Report faster t y to Maintenance k for build-up of ke in a flood. W n grass height is	daily for washing han normal loss and Environment debris which of the excessive.	Report needs for to:
s i C	f two fee loughing. mmediatel heck cree gainst di	t. Inspect dike Report faster t y to Maintenance k for build-up of ke in a flood. W n grass height is	daily for washing han normal loss and Environment debris which of the excessive.	Report needs for corrective action to: Maintenance Planner Shift Superisor South Plant Supervisor
s i C	f two fee loughing. mmediatel heck cree gainst di	t. Inspect dike Report faster t y to Maintenance k for build-up of ke in a flood. W n grass height is	daily for washing han normal loss and Environment debris which of the excessive.	Report needs for corrective action to: Maintenance Planner Shift Superisor
	f two fee loughing. mmediatel heck cree gainst di	t. Inspect dike Report faster t y to Maintenance k for build-up of ke in a flood. W n grass height is	daily for washing han normal loss and Environment debris which of the excessive.	Report needs for corrective action to: Maintenance Planner Shift Superisor South Plant Supervisor

Andrewski se rokke og ektoring i forsøttige (t.). De somherte mod ektoring i forsøttige (t.).

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 3-8-99 TO 3-14-99

	Results of	inspection	OK	
,	of two fee sloughing. immediatel Check cree	- Record level d t. Inspect dike Report faster t y to Haintenance k for build-up of	daily for washi han normal loss and Environment debris which c	ng, silling, of livel al. ould hold water
		ke in a flood. W n grass height is POND LEVEL		er for grass
3	1-8-99	6'6"	Jw_	Report needs for corrective action
	3-9-99	6' ''	- for	to:
		1104	(/)	
3	1-10-99	610"	- Chu	Maintenance Planner Shift Superisor
3	1-10-99 3-11-99	5'11"	Jan Jan	•
3 3	1-10-99		Jan	Shift Superisor South Plant Superviso

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR	THE	WEEK	OF	3-1	TO	2-8
-----	-----	------	----	-----	----	-----

1.	Drums	in	90	Day	Storage	1 -	Ins	ect	wee	kly	for	leaks.
•	Check	dat	:65	, lai	eling,	no.	of	dru	DS,	acce	255,	fire
•	fight	ing	equ	uip.								

Date inspected 3-1-99	Inspected	by 2	6 w	
Results of inspection	9004-	NEW	Bust.	
				·····

2. South Pond - Record level daily, keep a minimum friedward of two feet. Inspect dike daily for washing, sailing, sloughing. Report faster than normal loss of livel immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
3-1-19	5-10"	Blu
3-2-99	6'01'	86a
3-3-91	5'2"	26w
3-4-99	4'11"	Blow
3-5-99	51111	for
3-6-19	51511	Ju
3-7-99	51911	Che
		

Report needs for corrective action to:

ا با الله الموقع المراكز المراكز المراكز الموقع المراكز الموقع الموقع الموقع الموقع الموقع الموقع الموقع الموق المراكز الموقع المو

> Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Results	of	weekly	inspection	and	actions	takeni
		1				

3-1-99	Rues Deno	Ok	



Mr. Jerry Banks, Chief Hazardous Waste Division Office of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385

March 9, 1999

Re: Cedar Chemical Corporation, MSD 990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Eighty-Three

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell

Director of Env. Affairs

STB: pc

xc: Mr. Miles

Mr. Keen

Mr. Malone, Apperson, Crump

Mr. Karkkainen, Woodward-Ciyde



Dr. Judy Sophianopoulos Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV Mailcode 4WD-RCRA 621 Forsyth Street,SW Atlanta, Georgia 30303

March 9, 1999

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Eighty-Three

Dear Dr. Sophianopoulos:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Eighty-Three, for the month of February, 1999. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill is normal.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period. The area of erosion identified in the month of December report has not expanded. A work order has been entered, and awaits drier conditions that will allow access by earth moving equipment.

Actions taken to Rectify Problems

See above.

Changes in Personnel

None

Projected Work for the Month

Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared.

Results of Sampling and Analysis Activities during the Report Period

No new sampling has been performed.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell Director of Env. Affairs

STB: pc

xc: Mr. Miles

Mr. Malone, Apperson, Crump, Duzane & Maxwell

Mr. Karkkainen, Woodward-Clyde

Mr. Jerry Banks, MSDEQ



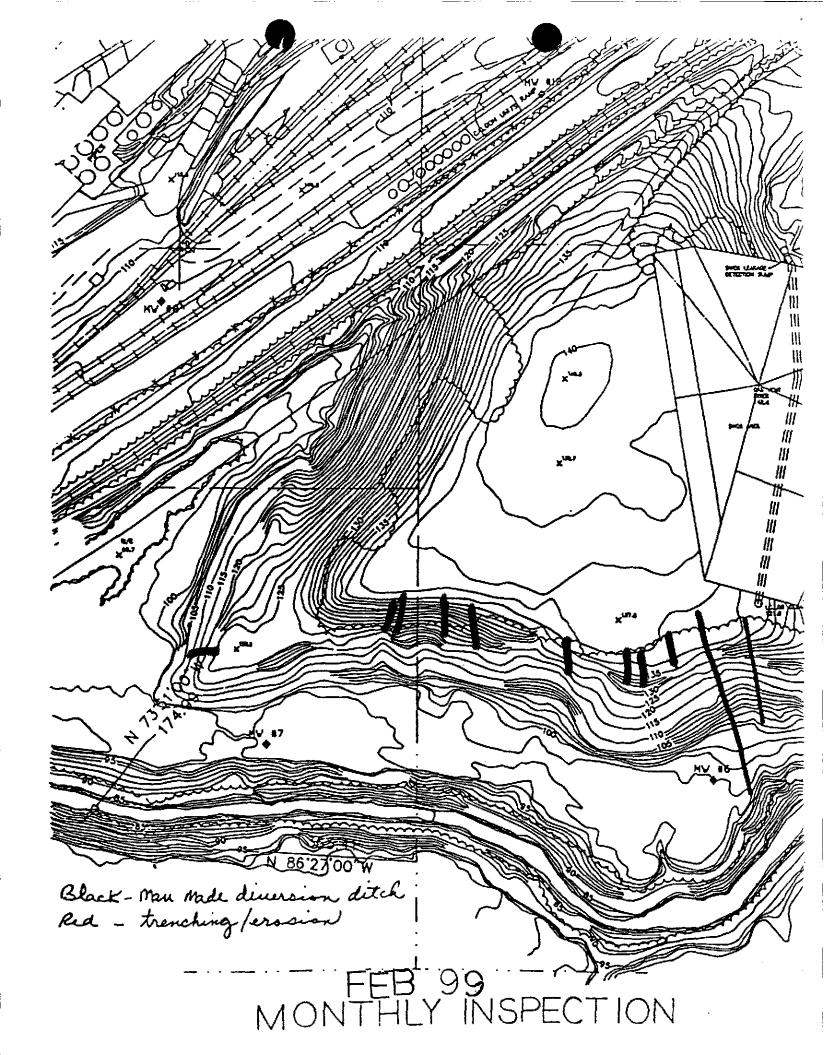
Memo To: Steve Boswell

March 4, 1999

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has vegetated well and does not exhibit any new erosion features. There is no evidence of discolored soil at this time. Grass growth has been very good, as has the uniformity of the grass coming up in all areas of the surface. The side slope on the secondary plateau on the South side of the landfill has some undermining and caving thus starting to create an erosion channel. A work order has been written to repair damaged area with fresh soil. Due to inclimate weather during the winter months the ground on top of the landfill is softer than desirable for the use of heavy equipment. Maintenance will wait for some more dry weather so top of landfill would be firmer before putting heavy equipment in the area. Otherwise, there seem to be little change to status of the landfill.



HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF $\frac{2-1-99}{2}$ to $\frac{2-7-99}{2}$

1.	Drums	in 90	Day Storag	<u>e</u> -	Ins	pect we	ekly	for	leaks.
			labeling,						
-	fight	ing equ	ip.						

Results of inspection Plant Constaction Now

[N Plagess

2. South Pond - Record level daily, keep a minimum friendard of two feet. Inspect dike daily for washing, saiding, sloughing. Report faster than normal loss of livel immediately to Haintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

2-1-91	POND LEVEL	initials Bbw
J.Z_ 49	7'11"	Blw
2-3-99	7'10"	36a
2-4.99	8'0"	Blow
2-5-99	7'5"	a
2-6-99	7'4"	Chry
2-7-99	7/1"	()m

Report needs for corrective action to:

and the state of t

Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Results	ο£	weekly	inspection	and	actions	taken

Pond	LINE	65'- OK	
			
			4 - 4

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 2-8 to 2-14-99

	Results of inspection NO ORYGIN OR MATERIAL IN AREA							
of two fee	- Record level of	daily for wash:	ng, saallag,					
	Report faster t y to Haintenance							
	k for build-up of ke in a flood. W							
	n grass height is		ee ave drawe					
DATE	POND LEVEL	INITIALS						
2-8-99	712"	- Ju	Report needs for corrective action					
2-9-99	7'2"	- Jan	toi					
2-10-99	7'01'	<u> </u>	Maintenance Planne					
	611"	po	Shift Superisor South Plant Super					
2-11-99	6'6"	J'hus	Environmental Dept					
2-11-99	b		/)					
	63"	KARA	- /					
2-12-99	63"							
2-12-99 2-13-99	· · · · · · · · · · · · · · · · · · ·							

Check dates	Day Storage - :	of drums, acces	e, tire
fighting eq	1/KK		
Date inspec	tedI	nspected by	
Results of	inspection	CA	
		<u> </u>	
South Pond	- Record level	daily, keep a mi	nimum friescard
	b	daily, keep a mi daily for washi	
of two feet	t. Inspect dike Renort faster	than normal loss	of 1:vel
of two feet sloughing. immediately	t. Inspect dike Report faster y to Maintenance	than normal loss and Environment	of lavel
of two feet sloughing. immediatel; Check creek	t. Inspect dike Report faster y to Maintenance k for build-up o ke in a flood.	than normal loss and Environment f debris which c write a work ord	of livel al. ould hold water
of two feet sloughing. immediatel; Check creek	t. Inspect dike Report faster y to Maintenance	than normal loss and Environment f debris which c write a work ord	of livel al. ould hold water
of two feet sloughing. immediately Check creek against dil mowing when	t. Inspect dike Report faster y to Maintenance k for build-up o ke in a flood. n grass height i	than normal loss and Environment f debris which c write a work ord	of livel al. ould hold water
of two feet sloughing. immediatel; Check creek	t. Inspect dike Report faster y to Maintenance k for build-up o ke in a flood. n grass height i POND LEVEL	than normal loss and Environment debris which c write a work ord s excessive.	of livel al. ould hold water er for grass
of two feet sloughing. immediately Check creek against dil mowing when	t. Inspect dike Report faster y to Maintenance k for build-up o ke in a flood. n grass height i	than normal loss and Environment debris which c write a work ord s excessive.	of 1:7el al. ould hold water er for grass Report needs for carrective action
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HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 2-22-99 TO 2-28-99

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Mr. Jerry Banks, Chief Hazardous Waste Division Office of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385

February 9, 1999

Re: Cedar Chemical Corporation, MSD 990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Eighty-Two

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell

Director of Env. Affairs

Deenval. 1

STB: pc

xc: Mr. Miles

Mr. Keen

Mr. Malone, Apperson, Crump

Mr. Karkkainen, Woodward-Clyde

File

The Potassium People



Dr. Judy Sophianopoulos Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV Mailcode 4WD-RCRA 621 Forsyth Street,SW Atlanta, Georgia 30303

February 9, 1999

Re: Cedar Chemical Corporation, MSD990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Eighty-Two

Dear Dr. Sophianopoulos:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Eighty-Two, for the month of January, 1999. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill is normal.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period. The area of erosion identified in the month of December report has not expanded. A work order has been entered, and awaits drier conditions that will allow access by earth moving equipment.

Actions taken to Rectify Problems

See above.

Changes in Personnel

None

Projected Work for the Month

Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared.

Results of Sampling and Analysis Activities during the Report Period

No new sampling has been performed.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell Director of Env. Affairs

T. Bowell

STB: pc

xc: Mr. Miles

Mr. Malone, Apperson, Crump, Duzane & Maxwell

Mr. Karkkainen, Woodward-Clyde

Mr. Jerry Banks, MSDEQ

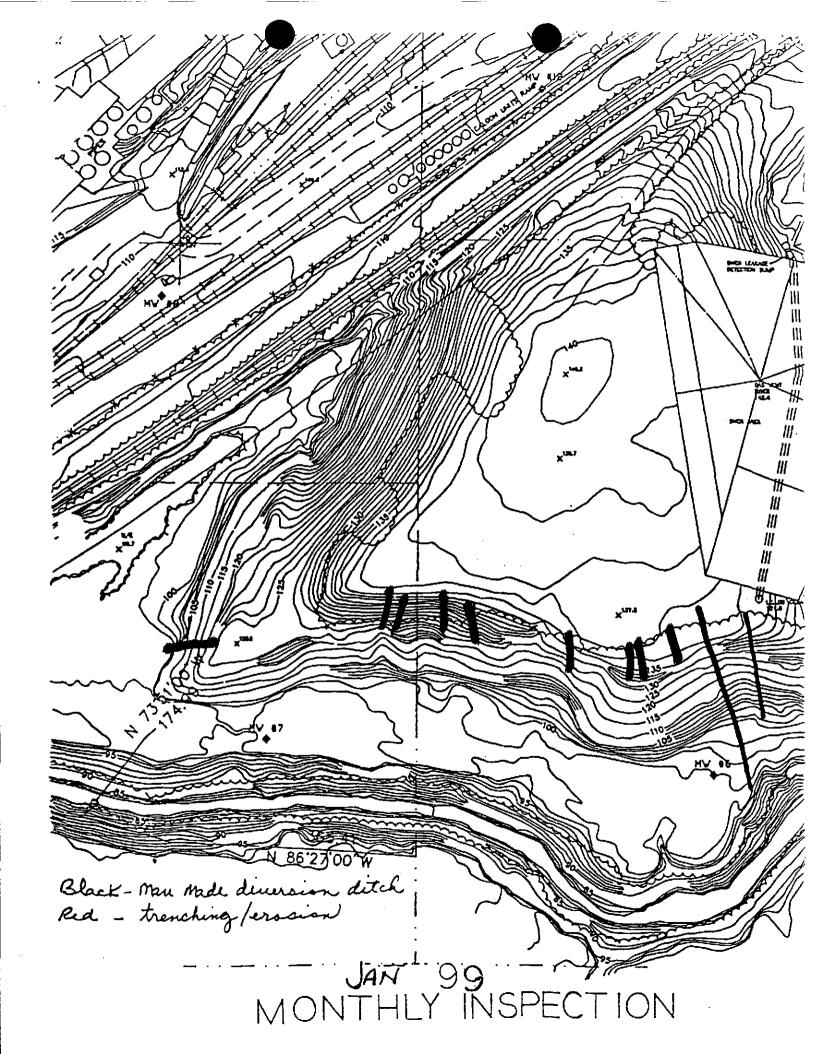
Memo To: Steve Boswell

February 8, 1999

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has vegetated well and does not exhibit any new erosion features. There is no evidence of discolored soil at this time. Grass growth has been very good, as has the uniformity of the grass coming up in all areas of the surface. The side slope on the secondary plateau on the South side of the landfill has some undermining and caving thus starting to create an erosion channel. A work order has been written to repair damaged area with fresh soil. Due to inclimate weather during the winter months the ground on top of the landfill is softer than desirable for the use of heavy equipment. Maintenance will wait for some more dry weather so top of landfill would be firmer before putting heavy equipment in the area. Otherwise, there seem to be little change to status of the landfill.



1.	Drums	in	90	Day	Storage	e -	Insp	pect	We	ekly	for	leaks.
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Date inspected /-25-53	Inspected by
Results of inspection	70-0

2. South Pond - Record level daily, keep a minimum friendard of two feet. Inspect dike daily for washing, sailing, sloughing. Report faster than normal loss of livel immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
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1-26-99	7'0''	P.8
1-27-99	7'3"	8
1-28-99	7 '/1"	03
1-29-99	8'2"	13
1-30-99	6'0"	BhW
1-31-99	6.8"	BUW

Report needs for corrective action to:

Haintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

1-25-95 River line 1865.

Results	of	weekly	inspection	and	actions	takenı	

2. South Pond - Record level daily, keep a minimum francard of two feet. Inspect dike daily for washing, sailing, sloughing. Report faster than normal loss of livel immediately to Maintenance and Environmental. Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive. DATE POND LEVEL INITIALS
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HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 1-11-99 to 1-17-99

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DATE 1-11-99 1-12-99 1-13-99	4'611	INITIALS July Ju	corrective action to: Maintenance Planner Shift Superisor
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HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 1-4-91 TO 1-1-2-75

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immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

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1-4-99	5'8"	BGW	Report needs for
1-5-99	411	UST V	corrective action
1-6-99	45"	assa	Maintenance Planner
1-7-99	4'0"	53	Shift Superisor South Plant Supervisor
1-8-99	3'11"	18	Environmental Dept.
1-9-99	4'0"	<u> </u>	
1-18-99	4'4"	Ju	

Results of weekly inspection and actions taken:

1/5	River line OR	

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 12-28 TO 1-3-99

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Mr. Jerry Banks, Chief Hazardous Waste Division Office of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385

January 7, 1999

Re: Cedar Chemical Corporation, MSD 990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Eighty-One

Dear Mr. Banks: 918/8

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell Director of Env. Affairs

STB: pc

xc: Mr. Miles

Mr. Keen

Mr. Malone, Apperson, Crump

Mr. Karkkainen, Woodward-Clyde



Dr. Judy Sophianopoulos Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV Mailcode 4WD-RCRA 621 Forsyth Street,SW Atlanta, Georgia 30303

January 7, 1999

Re: Cedar Chemical Corporation, MSD990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Eighty-One

Dear Dr. Sophianopoulos:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Eighty-One, for the month of November, 1998. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill is normal.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period. One area of erosion has been identified which requires attention and a work order has been entered.

Actions taken to Rectify Problems

See above.

Changes in Personnel

None

Projected Work for the Month

Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared.

The Potassium People

Results of Sampling and Analysis Activities during the Report Period

Results of sampling performed during the month of November in SWMU9 revealed no pesticide contamination. Elevated chromium concentrations were observed in shallow soil beneath the removed concrete floor. TCLP analysis of that sample did not indicate the soil to be characteristically hazardous. A sample of shallow groundwater was obtained from a screened well betweem depths of six and sixteen feet. The water contained 0.38 mg/l arsenic. A report of the sampling and analysis was prepared, but has been delayed while results for the limit of detection for lead in the groundwater sample is rechecked.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell Director of Env. Affairs

STB: pc

xc: Mr. Miles

Mr. Malone, Apperson, Crump, Duzane & Maxwell

Mr. Karkkainen, Woodward-Clyde

Mr. Jerry Banks, MSDEQ

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 12-28 TO 1-3-99

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2. South Pond - Record level daily, keep a minimum friendard of two feet. Inspect dike daily for washing, sailing, sloughing. Report faster than normal loss of livel							
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DATE	POND LEVEL	INITIALS					
12-28-98	616"	Ju	Report needs for				
2-29-98	5111"	Jan	corrective action to:				
2-30-98	514"	Dur	. Maintenance Planner				
2-31-98	32	Wey	Shift Superisor South Plant Supervis				
1-1-99	5'	Wen	Environmental Dept.				
1-2-99	5'4"	Bhw					
	5'10"	36 w	•				
1-3-99			-				

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 12-21-98 to 12-27-98

Date inspected /2/ Inspected by Company Results of inspection							
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. South Pond - Record level daily, keep a minimum freedcard of two feet. Inspect dike daily for washing, sailing, sailing, salling, salling, salling, salling, salling, salling. Report faster than normal loss of livel immediately to Maintenance and Environmental. Check creek for build-up of debris which could hold water							
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4-98 5-98 6-88	4/3"	Wille	/				

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF $\frac{12-14}{20-98}$ TO $\frac{12-20-98}{20-98}$

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12-15-98	5'11"	fu	corrective action to:		
12-16-98	5'11"	Ju	Maintenance Planner		
12-17-98	517"	Ch	Shift Superisor South Plant Supervi		
12-18-98	5151'	Chury	Environmental Dept.		
12-19-98	52	ke The			
12-20-98	5'	Wh			
sults of we	ekly inspection a - 69° rune lev				

3.	Calgon Units - Report	major leaks or malfunctions	+ 0
	Maintenance and Env.	Inspect units daily	-

Dates Inspected	Initials	Comments
12-7-98	Blow	oh.
12-8- 98	Blow	0 h
12-9-98	Blow	oh
12-10 - 98	Bbw	oh
12-11 - 98	Blow	Oh
12-12 - 98	Ju-	015
12-13- 98	Ch	OK

4. Railroad Sump - Inspect daily for operation, level control and silt accumulation. Record results and corrective actions.

Dates Inspected	Initials Blow	Results NESS SUMP CLEANED - W.O.W
12-8-98	BLN	" " , - W.O.W
12-9-98	Blu	" " " - W.O.W
12-10-98	860	8/0 - W.O. W
12-11-98	Bhu	B/o_ w.o.w.
12-12-98	hu	. W. O. W
12-13-98	Ju	W.O.W

5. South Sump - Inspect daily for operation, level control and silt accumulation. Record findings and corrective actions.

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Dates Inspected	Initials Blw	Resul		winter	PNS1.Z	E PONOT.
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12-9-98	Blow	"	,,	11	/,	,,
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DATE	POND LEVEL	INITIALS	
11-30-58	4'4"	13	Report needs for
2-1- 98	4'5"	73	corrective action
- 60	4'4"		
2-2-98	4'3"	Ry	Maintenance Planner Shift Superisor
		Ju.	South Plant Supervisor Environmental Dept.
-3-98 -4-98	4'0"	// 0	
2-2-18 -3-98 -4-98 5-98	4'0"	76w	12-1-98
-3-98 -4-98		36w 31.w	12198 River line Chas M
-3-98 -4-98 5-98	4'1"	36w 36w	12198 River line Chas of



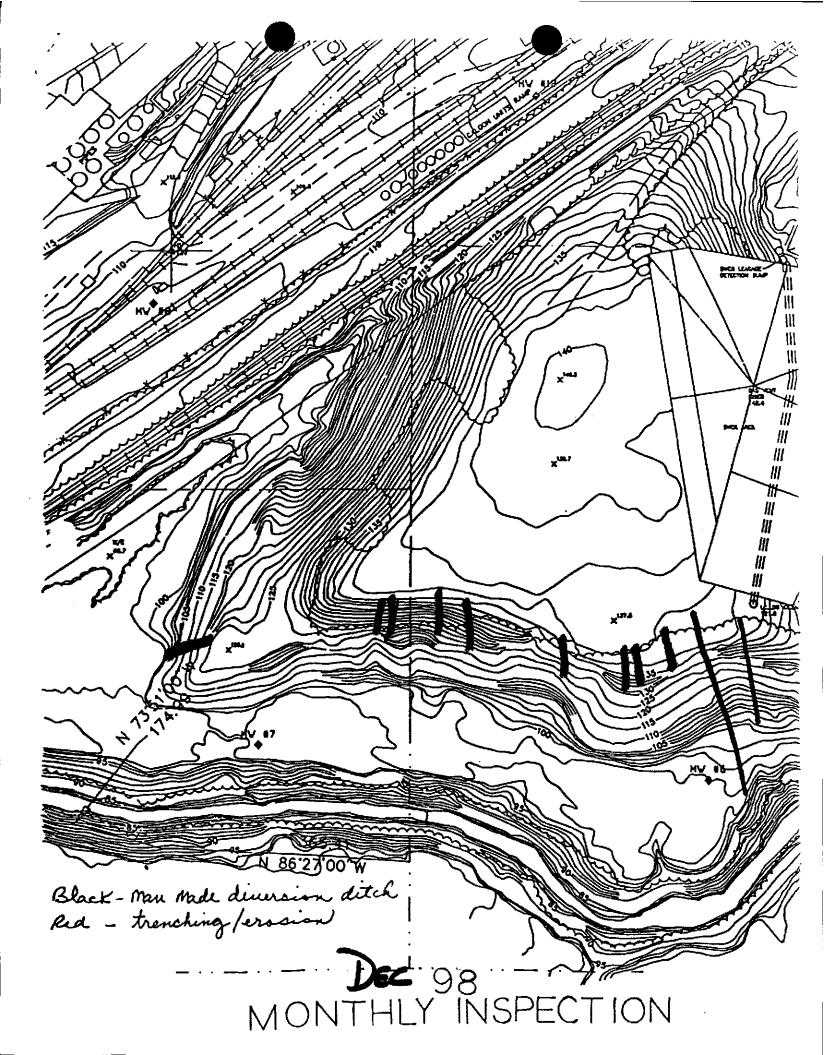
Memo To: Steve Boswell

January 8, 1999

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has vegetated well and does not exhibit any new erosion features. There is no evidence of discolored soil at this time. Grass growth has been very good, as has the uniformity of the grass coming up in all areas of the surface. The side slope on the secondary plateau on the South side of the landfill has some undermining and caving thus starting to create an erosion channel. A work order has been written to repair damaged area with fresh soil. Otherwise, there seem to be little change to status of the landfill.





WORK ORDER



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Mr. Jerry Banks, Chief Hazardous Waste Division Office of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385

December 9, 1998

Re: Cedar Chemical Corporation, MSD 990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Eighty

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell Director of Env. Affairs

STB: pc

xc: Mr. Miles

Mr. Keen

Mr. Malone, Apperson, Crump

Mr. Karkkainen, Woodward-Clyde

File



Dr. Judy Sophianopoulos Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV Mailcode 4WD-RCRA 621 Forsyth Street,SW Atlanta, Georgia 30303

December 9, 1998

Re: Cedar Chemical Corporation, MSD990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Eighty

Dear Dr. Sophianopoulos:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Eighty, for the month of November, 1998. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill is normal.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None needed.

Changes in Personnel

None

Projected Work for the Month

Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared.

The Potassium People

Results of Sampling and Analysis Activities during the Report Period

Results of sampling performed during the month of November in SWMU9 revealed no pesticide contamination. Elevated chromium concentrations were observed in shallow soil beneath the removed concrete floor. TCLP analysis of that sample did not indicate the soil to be characteristically hazardous. A sample of shallow groundwater was obtained from a screened well betweem depths of six and sixteen feet. The water contained 0.38 mg/l arsenic. A report of the sampling and analysis is being prepared.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell Director of Env. Affairs

STB: pc

xc: Mr. Miles

Mr. Maione, Apperson, Crump, Duzane & Maxwell

Mr. Karkkainen, Woodward-Clyde

Mr. Jerry Banks, MSDEQ

File

Shift Superisor South Plant Supervi.		cted <u>//-30-8</u> Pin inspection	_	
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-6-98 4'1" Bbw	2-3-98 2-4-98 -5-98		36W	. Never line Nos

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 11-23 TO 11-30-98

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of two fe sloughing immediate Check cre against d	et. Inspect dike . Report faster ly to Maintenance ek for build-up o	daily, keep a minimum friendard daily for washing, salling, than normal loss of livel and Environmental. of debris which could hold water write a work order for grass is excessive.
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11-24-98	4/1/	corrective action
11-25-18	52	Maintenance Planner Shift Superisor
H-26-98	<u> </u>	South Plant Supervisor Environmental Dept.
11-27-98	41	
11-28-98	4.0.	68
11_29.98	4'2"	<i>O</i>
Results of w	eekly inspection PHS Passe zw.,	and actions taken: Blo. Wo Wester

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 11-16 TO 11-22

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esults of inspection	•

of two feet. Inspect dike daily for washing, Salling, sal

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

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11-17-98	418"	Que
11-18-48	4110"	Jus
11-19-96	5'0"	
11-20-98	50"	Azn.
11-21-98	410	WEN
1(-12-98	5	assi

Report needs for corrective action to:

Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Results of weekly inspection and actions taken:

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1.	Drums in 90 Day Storage	_	Inspect	weekly	for	leaks.
	Check dates, labeling,					
•	fighting equip.					
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Date inspected //-9	Inspected by Blow
Results of inspection	good

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of two feet. Inspect dike daily for washing, saling,
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immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

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Report needs for corrective action to:

Haintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Results of weekly inspection and actions taken:

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HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 11-2-98 to 11-8-98

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11-2-98 11-3-98 11-4-98 11-5-98 11-6-98 11-7-98 11-8-98	4'3" 4'b" 3'9" 3'6" 4'8"	Blu Blu	Corrective action to: Haintenance Planner Shift Superisor South Plant Supervisor Environmental Dept. 11-2-98 - hun he dh 79
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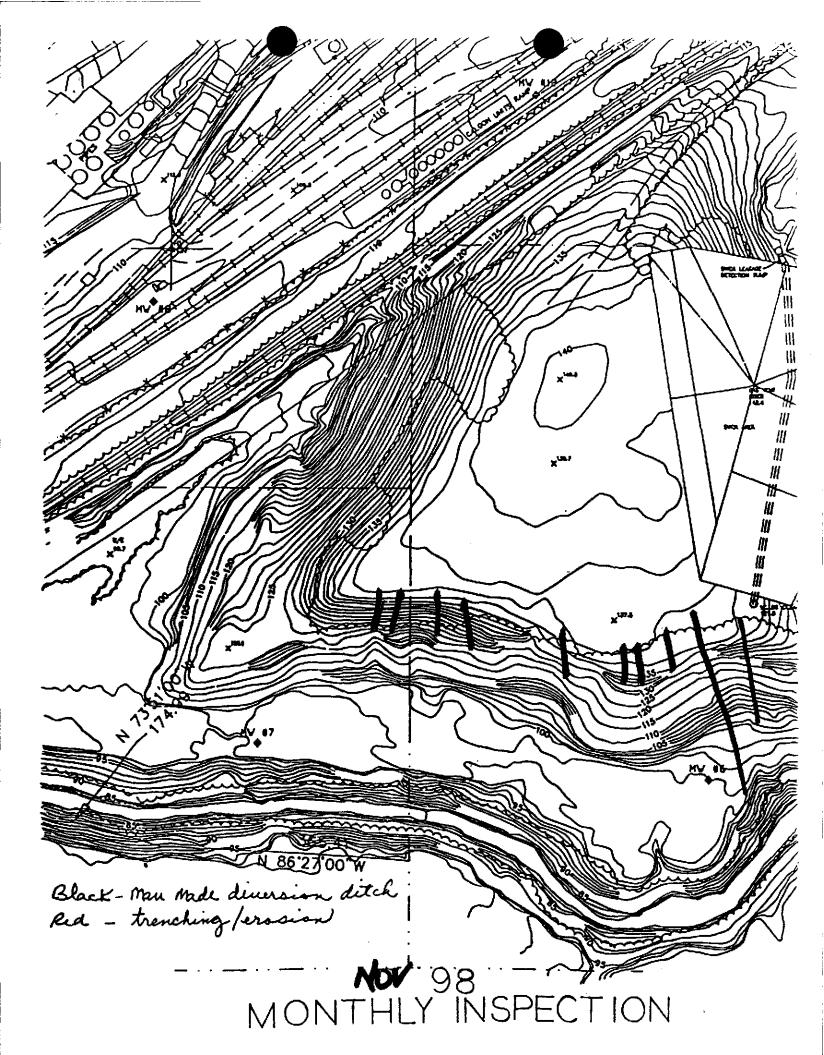
Memo To: STB

November 28, 1998

From: David Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has vegetated well and does not exhibit any new erosional features. Side slopes do not exhibit any new erosional features and existing features are stable. Vegetation is dry due to sparse rainfall.







Mr. Jerry Banks, Chief Hazardous Waste Division Bureau of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385

November 9, 1998

Re: Cedar Chemical Corporation, MSD 990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Seventy-Nine

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell

Director of Env. Affairs

[Bowa D]

STB: pc

xc: Mr. Miles

Mr. Keen

Mr. Malone, Apperson, Crump

Mr. Karkkainen, Woodward-Clyde

File



Dr. Judy Sophianopoulos Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV Mailcode 4WD-RCRA 621 Forsyth Street,SW Atlanta, Georgia 30303

November 9, 1998

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Seventy-Nine

Dear Dr. Sophianopoulos:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Seventy-Nine, for the month of October, 1998. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill is normal.

Summary of Changes made to the IM and RFI during the Reporting Period

A 40 by 70 (nominal) section of floor in SWMU 9 was removed with the debris being placed in the Corrective Action Management Unit (CAMU). The underlying soil and debris was sampled at three locations and will be analyzed for the TCL-TAL components plus dinoseb and atrazine.

Three-hundred-sixty cu.yds. of bioremediation compost were delivered to the plant in October and were mixed with contaminated soil and debris being held in the Vicksburg CAMU. The mixed material was placed in the old Temporary Unit containment and a second unused tank containment located to the south of the old Temporary Unit within the CAMU (adjacent to SWMU 8). A third batch was placed in the CAMU at the location of the old Dinoseb Plant (SWMU 7).

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None needed.

Changes in Personnel

None

Projected Work for the Month

Two borings to obtain geotechnical information related to new construction in SWMU 9 will be made. The borings will be converted to groundwater monitoring wells if possible. One well will be screened over the last ten feet of interval to bedrock and one well be set and screened to cover a ten foot interval beginning about ten feet below surface grade.

Results of Sampling and Analysis Activities during the Report Period

None.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell Director of Env. Affairs

1. Boswell

STB: pc

xc: Mr. Miles

Mr. Malone, Apperson, Crump, Duzane & Maxwell

Mr. Karkkainen, Woodward-Clyde

Mr. Jerry Banks, MSDEQ

File

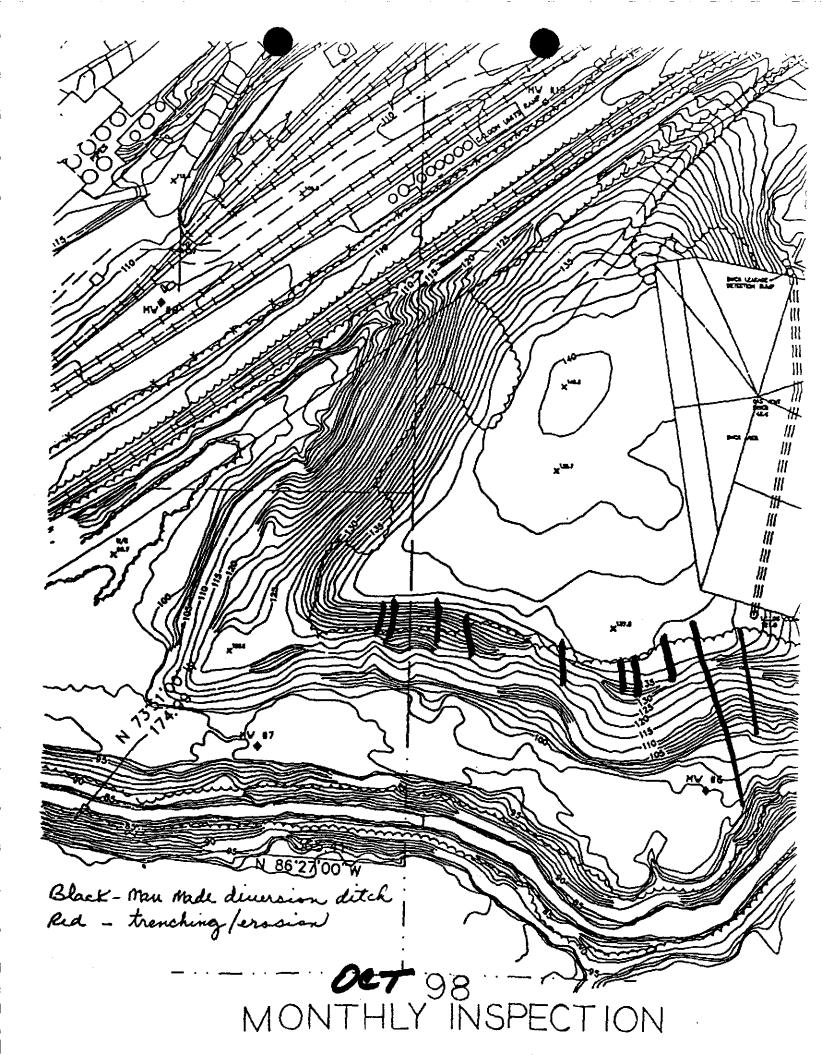
Memo To: File

October 28, 1998

From: Steve Boswell

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has vegetated well and does not exhibit any new erosional features. Side slopes do not exhibit any new erosional features and existing features are stable. Vegetation is dry due to sparse rainfall.



FOR THE WEEK OF 11-15

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HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 10-19-98 to 10-25-98

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32.

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 10-12-98 TO 10-18-98

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5-8-58	7'0"	<u>a</u>	South Plant Supervisor Environmental Dept.
6-9-98	6'6"		
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HAZARDOUS WASTE AREA, INSPECTION SHEET FOR THE WEEK OF 1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip. Inspected by Date inspected_ Results of inspection 2. South Pond - Record level daily, keep a minimum friendard of two feet. Inspect dike daily for washing, saining, sloughing. Report faster than normal loss of 1:vel immediately to Maintenance and Environmental. Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive. INITIALS POND LEVEL Report needs for corrective action Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept. Results of weekly inspection and actions taken:



Mr. Jerry Banks, Chief Hazardous Waste Division Bureau of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385

October 2, 1998

Re: Cedar Chemical Corporation, MSD 990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Seventy-Eight

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

1. B. sure

Steven T. Boswell Director of Env. Affairs

STB: pc

xc: Mr. Miles

Mr. Keen

Mr. Malone, Apperson, Crump

Mr. Karkkainen, Woodward-Clyde

File



Dr. Judy Sophianopoulos Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV 100 Alabama Street, SW Atlanta, Georgia 30303

October 2, 1998

Re: Cedar Chemical Corporation, MSD990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Seventy-Eight

Dear Dr. Sophianopoulos:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Seventy-Eight, for the month of September, 1998. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill is normal.

Summary of Changes made to the IM and RFI during the Reporting Period

A proposed Corrective Measures Plan for SWMUs 11, 12 and 15 was submitted April 30, 1998. Some minor changes to the plan were submitted for review in July, 1998. The changes do not entail any departure from the proposal to excavate and stabilize the hazardous constituents (primarily arsenic). The change centers on the North Pond preparation prior to placing the stabilized material in the receiving cell to be built there. The changes desired will allow for a lower cost for the project.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None needed.

Changes in Personnel

None

Projected Work for the Month

Removal of material from the old "Temporary Unit" continues. Floor grindings from SWMUs 1 and 9 will be mixed with composting material in the coming month and will be placed as previously done in 1996. Some further removal of contaminated concrete flooring from SWMU 9 is being performed to remove "hotspots" of localized contamination. Composting material has been ordered and delivery is scheduled for Tuesday, October 6, 1998.

Results of Sampling and Analysis Activities during the Report Period

None.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell Director of Env. Affairs

STB: pc

xc: Mr. Miles

Mr. Malone, Apperson, Crump, Duzane & Maxwell

Mr. Karkkainen, Woodward-Clyde

Mr. Jerry Banks, MSDEQ

File



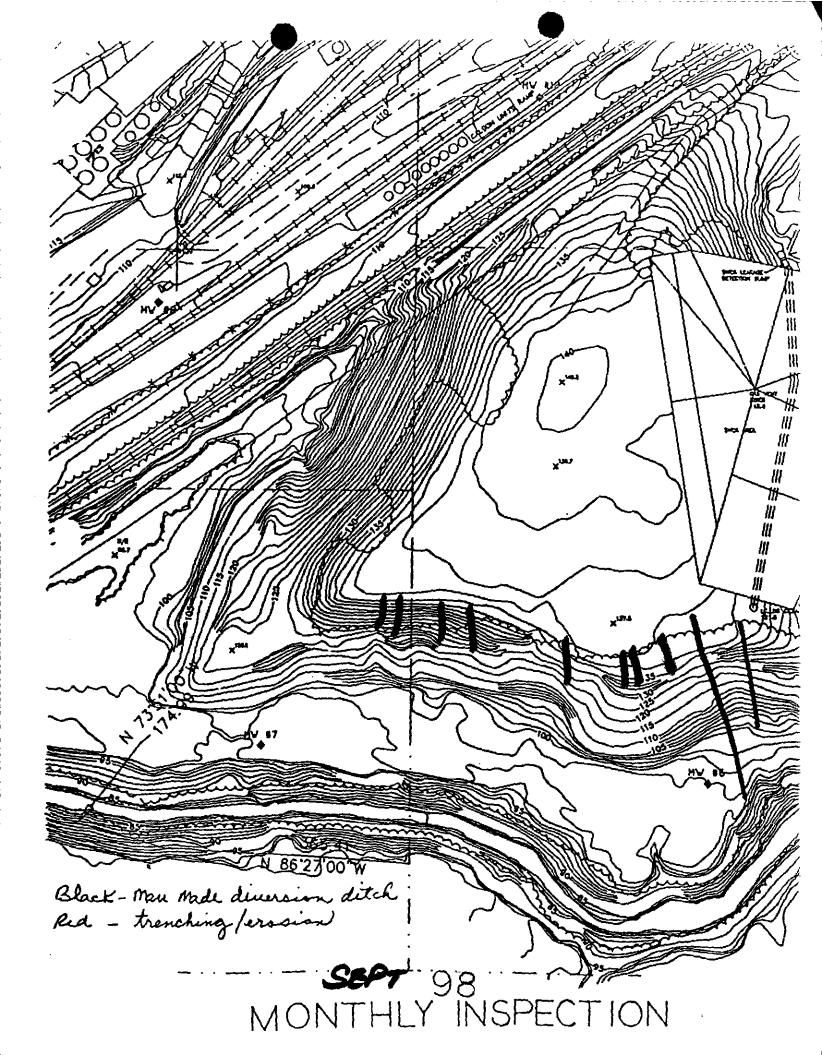
Memo To: Steve Boswell

September 2, 1998

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has been disked and levelled with top soil being incorporated in with the disking. There is no evidence of discolored soil at this time. Grass growth has been very good, as has the uniformity of the grass coming up in all areas of the surface.



HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 8-31-98 to 9-6-98

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Check cr against mowing w DATE 8-3/-98 2-1-98 2-2-98	dike in a flood. When grass height is POND LEVEL ' ' ' 9 "	INITIALS Bhu Bhu Bbw Bbw Bbw	Report needs for corrective action to: Haintenance Planner Shift Superisor South Plant Supervis
Check cr against mowing w DATE 8-31-98	dike in a flood. When grass height is POND LEVEL ' ' ' ' ' ' ' '	INITIALS Bhu Bhu Bhw Bhw	Report needs for corrective action to: Haintenance Planner Shift Superisor South Plant Supervis

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 9-7 TO 9-13-98

Date insp	equip. ected 9-7-98 In		36w
of two fe sloughing immediate	<pre>d - Record level det. Inspect dike . Report faster t ly to Haintenance ek for build-up of ike in a flood. W</pre>	daily for washi han normal loss and Environment debris which o	of 1:7el al. could hold water
mowing wh	en grass height is	excessive. INITIALS	
9-7-98 9-8-98	7'0"	B 6 w	Report needs for corrective action to:
9-9-98	7'5"	13	Maintenance Planner Shift Superisor
9-10-18 9-11-98	8'1" 8'8''	03	_ South Plant Superviso _ Environmental Dept. -
9-12-98	7'6"	Blow	• •
	veekly inspection a	nd actions take	en:
esults of t			

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF $\frac{9-14-98}{9}$ to $\frac{9/20/99}{9}$

	ected 9.15-98 Ins	- 1	
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wontus np	an orass height is	GYCG227Ad*	
mowing wh	en grass height is	INITIALS	
mowing wh		initials B6u	Report needs for
DATE	POND LEVEL	initials Blu Blu	Report needs for corrective action to:
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mowing wh DATE 2-14-98 2-15-98 -16-98	POND LEVEL 5'10" 5'4"	INITIALS Blu Blu Blu	corrective action to: Haintenance Planner Shift Superisor
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mowing wh DATE 2-14-98 2-15-98 -15-98 -17-98 -18-98	POND LEVEL 6' 5'10" 5'4" 5'3"	INITIALS Blu Blu Blu Blu Blu	corrective action to: Haintenance Planner Shift Superisor South Plant Superviso
mowing wh DATE 2-14-98 2-15-98 -16-98 17-98	POND LEVEL 6' 5'10" 5'4" 5'1" 41911	INITIALS Blu Blu Blu Blu Blu	corrective action to: Haintenance Planner Shift Superisor South Plant Superviso

FOR THE WEEK OF 9-21-98 TO 9/27/90 1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip. Date inspected 9-21-98 Inspected by Results of inspection_ 2. South Pond - Record level daily, keep a minimum freescard sloughing. Report faster than normal loss of 1:7el immediately to Maintenance and Environmental. Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive. INITIALS POND LEVEL DATE Report needs for corrective action 9-23-98 Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept. Results of weekly inspection and actions taken: 9-22-9x river line OK -810 9-24-98 - rive 44, CX- F2'

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF TO			
Drums in 90 Check dates fighting eq	6/26	spect weekly for drums, access	or leaks. s, fire
Results of	7	OK	
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9/36/58 10/11/58	9'/ 9'/ 92"	USE USE	Haintenance Planner Shift Superisor South Plant Supervisor
10/2/51	92	affe	Environmental Dept.
esults of wee	kly inspection as	nd actions take	ň.
	OK		

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 416.252 261

Chemical company

tile Haz. Waste File

Mr. Jerry Banks, Chief Hazardous Waste Division Bureau of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385 SEP - 9 1998

September 4, 1998

Re: Cedar Chemical Corporation, MSD 990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Seventy-Seven

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

xc: Mr. Miles

Mr. Keen

Mr. Malone, Apperson, Crump

Mr. Karkkainen, Woodward-Clyde

File

Steven T. Boswell Director of Env. Affairs

T. Bosmell



Dr. Judy Sophianopoulos Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV 100 Alabama Street, SW Atlanta, Georgia 30303

September 4, 1998

Re: Cedar Chemical Corporation, MSD990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Seventy-Seven

Dear Dr. Sophianopoulos:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Seventy-Seven, for the month of August, 1998. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill is normal.

Summary of Changes made to the IM and RFI during the Reporting Period

A proposed Corrective Measures Plan for SWMUs 11, 12 and 15 was submitted April 30, 1998. Some minor changes to the plan were submitted for review in July, 1998. The changes do not entail any departure from the proposal to excavate and stabilize the hazardous constituents (primarily arsenic). The change centers on the North Pond preparation prior to placing the stabilized material in the receiving cell to be built there. The changes desired will allow for a lower cost for the project.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None needed.

Changes in Personnel

None

Projected Work for the Month

Removal of material from the old "Temporary Unit" continues. Floor grindings from SWMUs 1 and 9 will be mixed with composting material in the coming month and will be placed as previously done in 1996. Some further removal of contaminated concrete flooring from SWMU 9 is being performed to remove "hotspots" od localized contamination. Composting material has been ordered and delivery is set late September.

Results of Sampling and Analysis Activities during the Report Period

None.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell Director of Env. Affairs

1 Baswell

STB: pc

xc: Mr. Miles

Mr. Malone, Apperson, Crump, Duzane & Maxwell

Mr. Karkkainen, Woodward-Clyde

Mr. Jerry Banks, MSDEQ

File

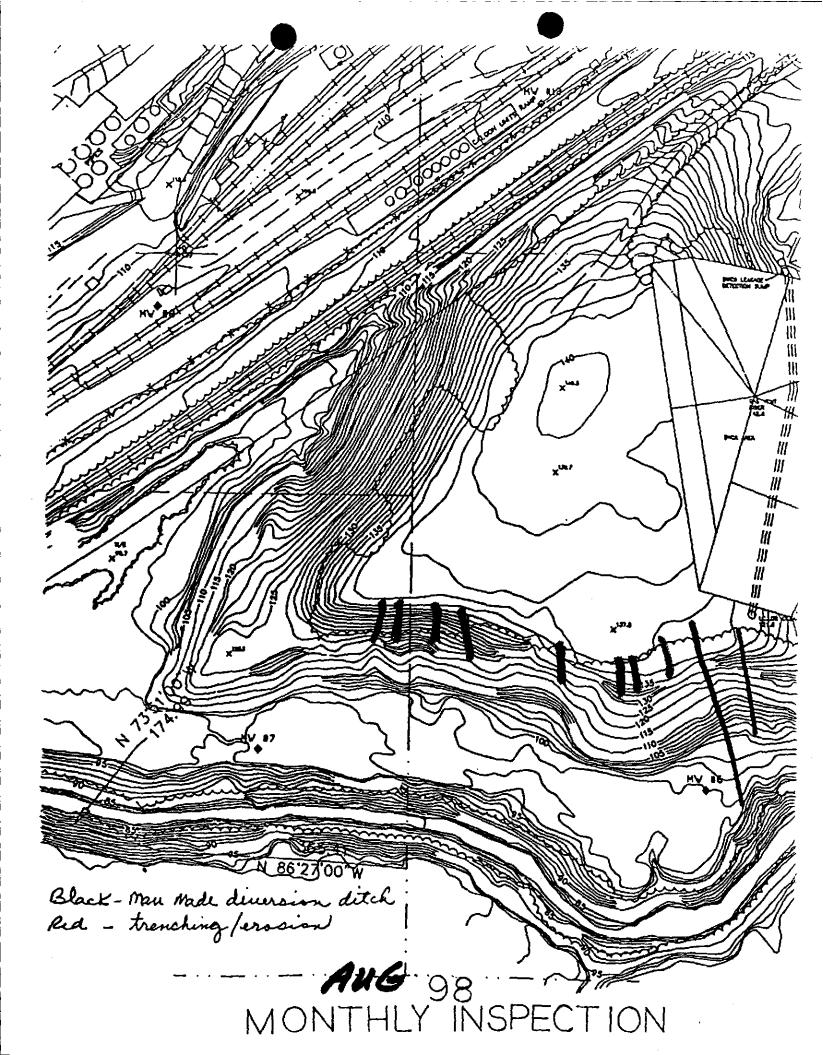
Memo To: Steve Boswell

September 4, 1998

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has been disked and levelled with top soil being incorporated in with the disking. There is no evidence of discolored soil at this time. Grass growth has been very good, as has the uniformity of the grass coming up in all areas of the surface.



HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 7.27-98 to 8-2-98

	Inspection	5 000	
of two feet sloughing. immediately	. Inspect dike Report faster t to Maintenance	chan normal loss and Environment	al. ould hold water
mowing when	grass height 18	S excessive.	· · · •
	DAMB TOUDT.	initials	
DATE 7-17-98	POND LEVEL	Can	Report needs for
7-27-98	5'2' 7'2"	Jan Jan	Report needs for corrective action to:
7-27-98 7-25-98	5121	Jan Jan	corrective action to: Maintenance Planner
7-27-98 7-28-98 7-29-98	5'b' 7'd"	Jan Jan Jean	corrective action to: Maintenance Planner Shift Superisor South Plant Superviso
7-27-98	5'b' 7'd' 7'0" 7'0" 617"	for for	corrective action to: Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.
7-27-98 7-28-98 7-29-98 7-30-98	5'2' 7'2' 7'0" 7'0"	Jan	corrective action to: Maintenance Planner Shift Superisor South Plant Superviso

Drums in 90 Check dates, fighting equ Date inspect	labeling, no.	Inspect weekly for of drums, acces	tire
Results of i	777	502d	
of two feet. sloughing. immediately	Inspect dike	daily, keep a mi daily for washi than normal loss and Environment	of 1:7el
sesinge dike	for build-up o	f debris which c	ould hold water
sesingt dike	e budld-up o	f debris which c	Report needs for
anainet dike	for build-up o in a flood. grass height i	f debris which c write a work ord s excessive.	Report needs for corrective action to: Haintenance Planner Shift Superisor South Plant Supervis
sesingt dike	for build-up o in a flood. grass height i	f debris which control write a work ord sexcessive. INSTIALS	Report needs for corrective action to: Maintenance Planner Shift Superisor

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 8-10-98 TO 8-16-98

	equip. ected 8-10-98 Inc	spected by C	U
of two fees sloughing immediate	d - Record level det. Inspect dike Report faster t ly to Maintenance	han normal loss and Environment	of layel al. ould hold water
againet d	ike in a flood. We are grass height is	LICS S MOLK OYN	er for grass
8-10-98	9:4"	OF V	Report needs for corrective action
8-11-98	9.4"	B	Haintenance Planner Shift Superisor
-12-98			Duran ork comme
-13-98	8'6"	Ju Ju	South Plant Supervise Environmental Dept.
3-12-98 2-13-98 -14-98	8'6" 8'1" 7'10"	86a	Environmental Dept.
-13-98 -14-98	8'1"	86 a 86 a	Environmental Dept.

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 8-17 TO 8-23-98

1.	Drums	in 90 [Day Storage		Inspect	we	kly for	leaks.
	Check	dates,	labeling,	no.	of dru	ms,	access,	FITA
•	fight:	ing equi	ip.				_	

Date inspected 8-17-9.	Inspected by	186W	
Results of inspection	ok_		
		·	

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

7'0"	B6W B6W
6'10"	B6 W
6'8"	86w
6'6"	Blw
6.4"	36 a
6' 1"	B6W
2' 1"	360
	6'6"

Report needs for corrective action to:

Haintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Results of weekly inspection and a	actions	takeni
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8-18-98-	MAINT.	REPLACEd	#4	CAIGON	R. DISC
8-20-98_	Ruser	2126	ok		

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 8-24 TO 8-30

Results of	inspection	pected by <u>Bb</u>	
of two feet sloughing. immediately	- Record level da t. Inspect dike d Report faster th y to Haintenance a k for build-up of ke in a flood. Wr	an normal loss nd Environment debris which c ite a work ord	of 1:7el al. ould hold water
nowing whe	n grass height is	INITIALS	
8-24-98	7'0"	Bbw	Report needs for corrective action
8-25-98	6'1"	Bbu	to:
8-26-98	6'0"	86 W	Haintenance Planner Shift Superisor
8-27- 88	6'3"	Bbw	South Plant Superviso Environmental Dept.
	5'0"	Blo	EUALLOUMENCAL pelo.
8-29-98	3 V		
8-28-98	4'10"	86w 26w	



Schur

AUG I n 1998

Mr. Jerry Banks, Chief Hazardous Waste Division Bureau of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385

August 7, 1998

Re: Cedar Chemical Corporation, MSD 990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Seventy-Six

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell

Director of Env. Affairs

STB: pc

xc: Mr. Miles

Mr. Keen

Mr. Malone, Apperson, Crump

Mr. Karkkainen, Woodward-Clyde

File



Dr. Judy Sophianopoulos Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV 100 Alabama Street, SW Atlanta, Georgia 30303

August 7, 1998

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Seventy-Six

Dear Dr. Sophianopoulos:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Seventy-Six, for the month of July, 1998. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill is normal.

Summary of Changes made to the IM and RFI during the Reporting Period

A proposed Corrective Measures Plan for SWMUs 11, 12 and 15 was submitted April 30, 1998. Some minor changes to the plan were submitted for review in July, 1998. The changes do not entail any departure from the proposal to excavate and stabilize the hazardous constituents (primarily arsenic). The change centers on the North Pond preparation prior to placing the stabilized material in the receiving cell to be built there. The changes desired will allow for a lower cost for the project.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None needed.

Changes in Personnel

None

Projected Work for the Month

Removal of material from the old "Temporary Unit" has begun. Floor grindings from SWMUs 1 and 9 will be mixed with composting material in the coming month and will be placed as previously done in 1996. Use of the material after removal will be for filling eroded areas adjacent to the Temporary Unit and within the drainage collection leading to the South Pond.

Results of Sampling and Analysis Activities during the Report Period

None.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell Director of Env. Affairs

STB: pc

xc: Mr. Miles

Mr. Malone, Apperson, Crump, Duzane & Maxwell

Mr. Karkkainen, Woodward-Clyde

Mr. Jerry Banks, MSDEQ

File

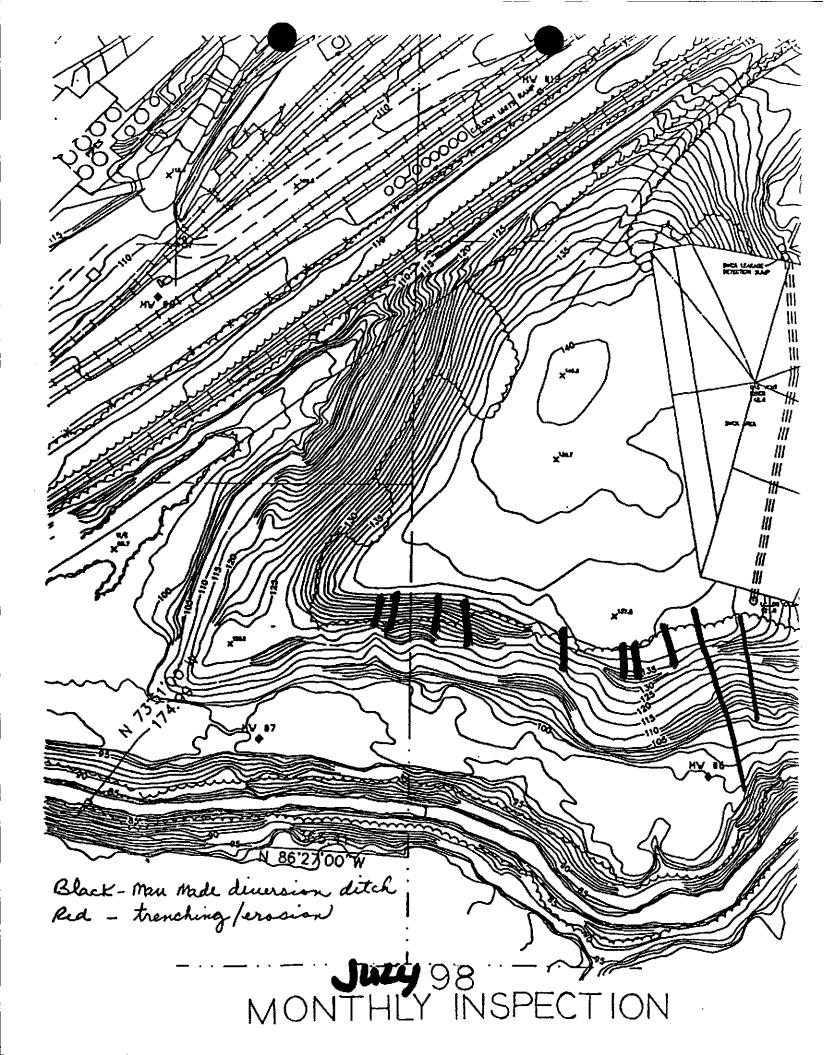
Memo To: Steve Boswell

August 7, 1998

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has been disked and levelled with top soil being incorporated in with the disking. There is no evidence of discolored soil at this time. Grass growth has been very good, as has the uniformity of the grass coming up in all areas of the surface.



HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF $\frac{7-27-98}{}$ to $\frac{8-2-98}{}$

	of inspection	6 001	
of two for sloughing immediate	nd - Record level det. Inspect dike s. Report faster tely to Haintenance eek for build-up of	han normal loss and Environment	of level
adainst (dike in a flood. When grass height is	rite a work of o excessive.	ler for grass
DATE	POND LEVEL	INITIALS	Report needs for
7-27-98	<u>5'b'</u> 7'2"		corrective action
7-28-98	7'0"		
7-29-98		The state of the s	Shift Superisor South Plant Supervisor
7-30-98		In	Environmental Dept.
1-	110	WE	Riven line 85°- 7-27
7-31-98	1 ~~~ \ .		- /
9-1-98 8-1-98	11	la tola	

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 7-20-98 TO 7-26-98

1.	Drums	in	90	Day	Storag	e -	Ins	pect	we	ekly	for	leaks.
					beling,							
-	fight	ing	equ	uip.							-	

Date inspected 220-98	Inspected by Bhw	
Results of inspection	good	

2. South Pond - Record level daily, keep a minimum freedoard of two feet. Inspect dike daily for washing, saccing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
7-20-98	3'/1"	86W
7-21-98	- 3'6"	360
7.22-98	214"	B6 W
7-23-98	2'6"	Blow
7-24-98	3'10"	36a
7-25-98	31611	(Im)
7-26-98	4211	Jen

Report needs for corrective action to:

Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Results of weekly inspection and actions to	aken
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 7-20-98-	RIVER	LINE OK	e 81°	
	- 4			e e e e e e e e e
		ar a ar	a constant of the second of th	

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 7-13-98 TO 7-19-98

7-13 Inspected by

1.

Results of inspection Qcoq

fighting equip.

Date inspected_

1. Drums in 90 Day Storage - Inspect weekly for leaks.
Check dates, labeling, no. of drums, access, fire

South Pond - Record level daily, keep a minimum friescard of two feet. Inspect dike daily for washing, sailing, sloughing. Report faster than normal loss of livel immediately to Maintenance and Environmental.						
te in a flood. Wr	it e a w ork ord	ould hold water ler for grass				
POND LEVEL	INITIALS					
4'1"	63	Report needs for				
4'5"	OH-	corrective action to:				
4'2"	68	Maintenance Planner				
4'0"	08	Shift Superisor South Plant Supervisor				
4'0"	ST	Environmental Dept.				
4'0"	V -	7-17-98 lie Sh 88				
3'11"	BLW	212.90				
		7-17-98 Ini Sh 86				
ekly inspection an	d actions take	in five his				
A STATE OF THE STA						
	t. Inspect dike di Report faster that I to Haintenance and I for build-up of the in a flood. Write a flood of the interval of	Report faster than normal loss to Haintenance and Environment to Haintenance and Environment to for build-up of debris which of the in a flood. Write a work ord in grass height is excessive. POND LEVEL H'5" H'5" H'5" H'5" H'7" H'7"				

•		HAZARDOUS WASTE	AREA INSPECTIO	N SHEET
		FOR THE WEEK OF		7/12/28
1	Drums in 90 Check dates, fighting equ Date inspect	1/1/	spect weekly for forms, access spected by	fire ALXER
	Results of	inspection	200C	
2.	of two leet	- Record level da . Inspect dike o Report faster th to Maintenance o	han normal loss	of 1:761
	Check creek	for build-up of e in a flood. Wi grass height is	debris which co	uld hold water
	DATE	POND LEVEL	MITIALS	Report needs for
	4/1/5/	53"	affron	corrective action to:
	17/1/98	33"	May	Haintenance Planner
	1/5/18	5-1-	Un	Shift Superisor South Plant Supervisor Environmental Dept.
	1/10 A	eftet	COST -	
_	7-11-98	4 1"		
	7-12-98	3 '6"	18	•
R	esults of we	ekly inspection	and actions take	nı — — — — — — — — — — — — — — — — — — —
		CI		100
_	7-10-98-	KIVER LIN	ve oke 9	

HAZARDOUS WASTE AREA INSPECTION SHEET

Results of inspection Gooff 2. South Pond - Record level daily, keep a minimum friencard of two feet. Inspect dike daily for washing, sailing, sloughing. Report faster than normal loss of livel immediately to Maintenance and Environmental. Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive. DATE POND LEVEL INITIALS
of two feet. Inspect dike daily for washing, sailing, salling, sloughing. Report faster than normal loss of livel immediately to Maintenance and Environmental. Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive. DATE POND LEVEL INITIALS
Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive. DATE POND LEVEL INITIALS
6-29-98 5'3V Report needs f
6-30-98 5'4" to:
7-1-98 5'7" (Am Maintenance P)
7-2-98 5'5" Shift Superison South Plant Su
7-3-98 5'7" Environmental
1-14-98 551/"

Kohn

Mr. Jerry Banks, Chief Hazardous Waste Division Bureau of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385

July 9, 1998

Re: Cedar Chemical Corporation, MSD 990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Seventy-Five

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

xc: Mr. Miles Mr. Keen

> Mr. Malone, Apperson, Crump Mr. Karkkainen, Woodward-Clyde

File

Steven T. Boswell Director of Env. Affairs

Boswell



Dr. Judy Sophianopoulos Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV 100 Alabama Street, SW Atlanta, Georgia 30303

July 9, 1998

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Seventy-Five

Dear Dr. Sophianopoulos:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Seventy-Five, for the month of June, 1998. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill following sediment placement from the cleaning of the "C" Pond within the South Pond (SWMU 2) is normal.

Summary of Changes made to the IM and RFI during the Reporting Period

A proposed Corrective Measures Plan for SWMUs 11, 12 and 15 was submitted April 30, 1998. Some minor changes to the plan will be submitted for review. The changes do not entail any departure from the proposal to excavate and stabilize the hazardous constituents (primarily arsenic). The change centers on the North Pond preparation prior to placing the stabilized material in the receiving cell to be built there. The changes desired will allow for a lower cost for the project.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None needed.

Changes in Personnel

None

Projected Work for the Month

Removal of material from the old "Temporary Unit" has yet to be performed, but is anticipated in order to further use the unit for treatment of the floor material from SWMUs 1 and 9 in the coming month. Use of the material after removal will be for filling eroded areas adjacent to the Temporary Unit and within the drainage collection leading to the South Pond.

Results of Sampling and Analysis Activities during the Report Period

None.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell

Director of Env. Affairs

time T. Bosnell

STB: pc

xc: Mr. Miles

Mr. Malone, Apperson, Crump, Duzane & Maxwell

Mr. Karkkainen, Woodward-Clyde

Mr. Jerry Banks, MSDEQ

File



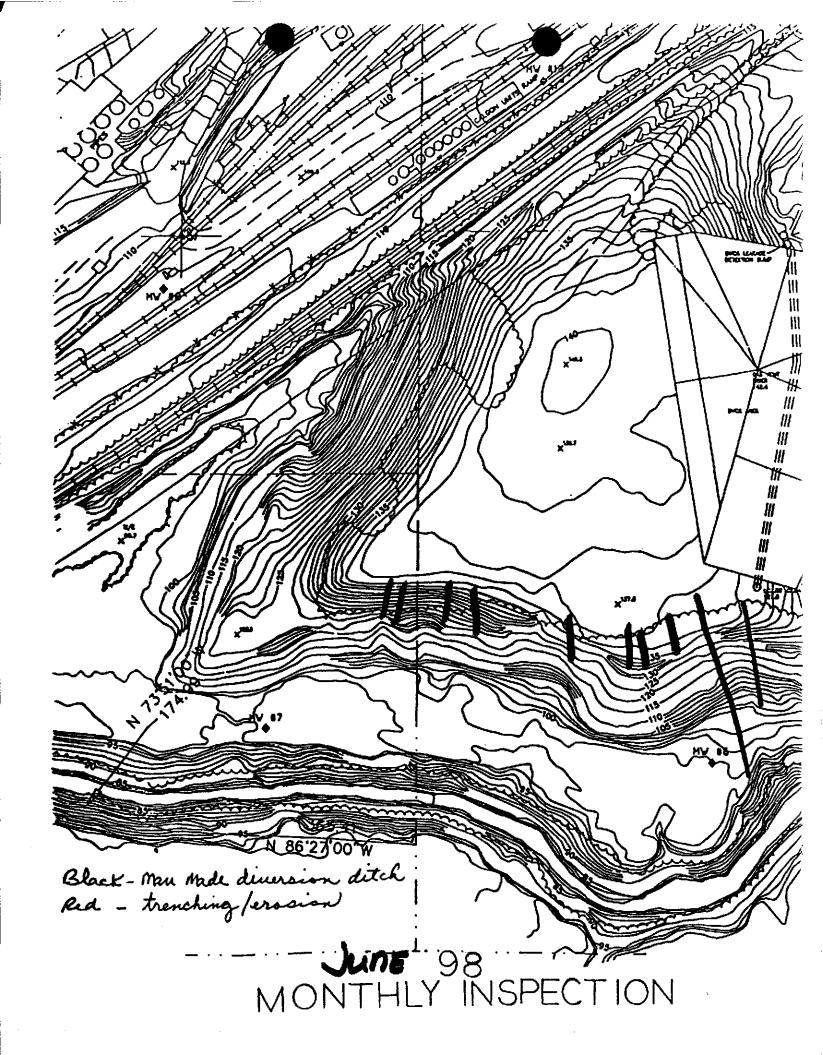
Memo To: Steve Boswell

July 8, 1998

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has been disked and levelled with top soil being incorporated in with the disking. There is no evidence of discolored soil at this time. Grass growth has been very good, as has the uniformity of the grass coming up in all areas of the surface.



HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 6-29 TO 7-5-98

	ected <u>6-29-98</u> II		· .
. South Pone	1 - Record level o	iaily, keep a mi	nimum frampoard
of two fee	et. Inspect dike Report faster t Ly to Haintenance	daily for washi	ng, sailing, s of livel
against di	ek for build-up of ike in a flood. Wen grass height is	rite a work ord	
DATE	POND LEVEL	INITIALS	
6-29-98	513V	Chr	Report needs for
6-30-98	5.411	h	corrective action to:
7-1-98	5'7"	Jan	Haintenance Planner
7-2-98	5'5"	Jun	Shift Superisor South Plant Superviso
7-3-98	5'7"	Charl	Environmental Dept.
1-4-98	51/"	(D)	
7-5-98	51"	atri	
			-
esults of wa	ekly inspection a	and actions take	N:

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 6-22 to 6-28-98

nd - Record level deet. Inspect dike g. Report faster tely to Haintenance	han normal loss	nimum fragoard
Jiba in a Tioga. W	debris which c	al.
hen grass height is	6YC49DTA4.	
	Blow.	Report needs for
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HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 6-15 to 6-21-98

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HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 6-1 TO 6-7-98

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6 -	4-98	7'10"	- fu	Environmental Dept.
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b - 6 - b -	4-98		Jun Blow	

Mr. Jerry Banks, Chief Hazardous Waste Division Bureau of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385 Resolution



June 9, 1998

Re: Cedar Chemical Corporation, MSD 990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Seventy-Four

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

xc: Mr. Miles

Mr. Keen

Mr. Malone, Apperson, Crump

Mr. Karkkainen, Woodward-Clyde

File

Steven T. Boswell Director of Env. Affairs



Dr. Judy Sophianopoulos Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV 100 Alabama Street, SW Atlanta, Georgia 30303

June 9, 1998

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Seventy-Four

Dear Dr. Sophianopoulos:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Seventy-Four, for the month of May, 1998. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill following sediment placement from the cleaning of the "C" Pond within the South Pond (SWMU 2) has been very good. Warm season grasses have re-emerged.

Summary of Changes made to the IM and RFI during the Reporting Period

A proposed Corrective Measures Plan for SWMUs 11, 12 and 15 was submitted April 30, 1998.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None.

Changes in Personnel

None

Projected Work for the Month

Samples for bench testing of various stabilization mixes for arsenic contaminated soil will be obtained from point "I" as described in the "Expedited Report" for SWMUs 11, 12 and 15 recently submitted.

Removal of contaminated concrete and soil from SWMUs 1 and 9 will continue as needed. Removal of material from the old "Temporary Unit" has yet to be performed, but is anticipated in order to further use the unit for treatment of the floor material from SWMUs 1 and 9 in the coming month. Use of the material after removal will be for filling eroded areas adjacent to the Temporary Unit and within the drainage collection leading to the South Pond.

Results of Sampling and Analysis Activities during the Report Period

None.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell Director of Env. Affairs

T. Bomel

STB: pc

xc: Mr. Miles

Mr. Malone, Apperson, Crump, Duzane & Maxwell

Mr. Karkkainen, Woodward-Clyde

Mr. Jerry Banks, MSDEQ

File

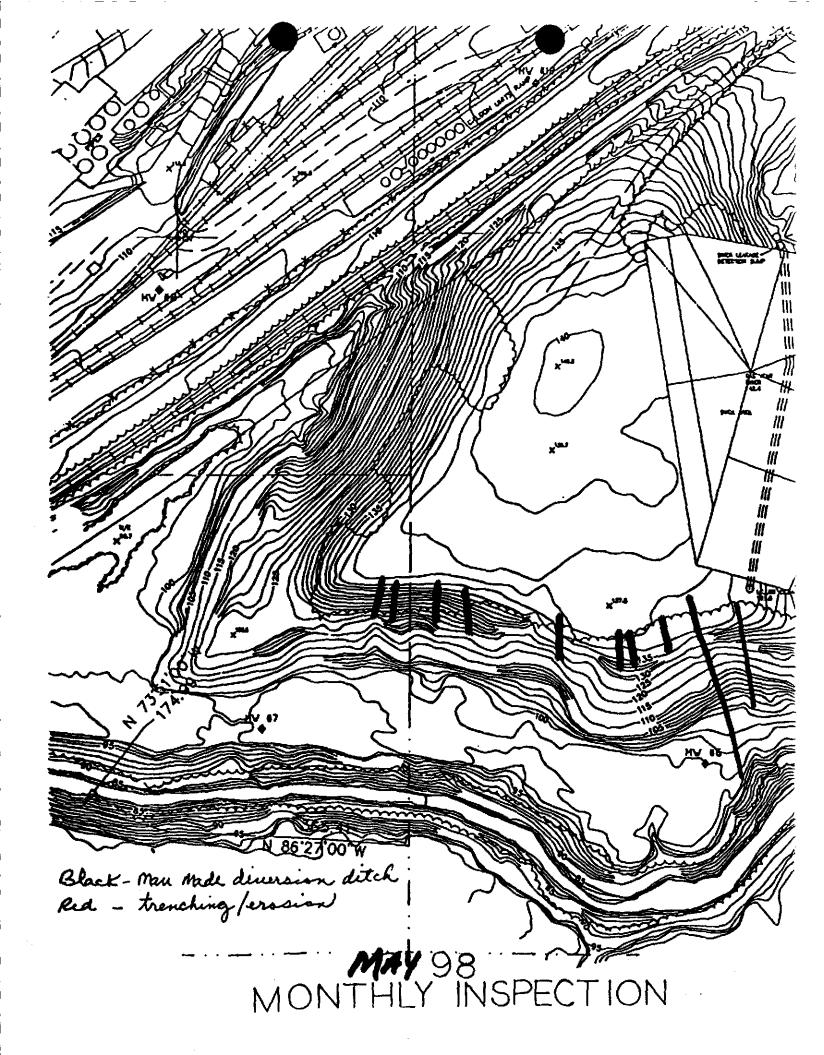
Memo To: Steve Boswell

June 8, 1998

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has been disked and levelled with top soil being incorporated in with the disking. There is no evidence of discolored soil at this time. Grass growth has been very good, as has the uniformity of the grass coming up in all areas of the surface.



HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 5-25-91 TO 5-31-98

1.	Drums	in 90	Day Storage	£ -	Insp	ect w	eekly	for	leaxs.
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Date inspected 5-25-98	Inspected by BGW
Results of inspection	

2. South Pond - Record level daily, keep a minimum freeDoard of two feet. Inspect dike daily for washing, \$12...4, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

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Report needs for corrective action to:

Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Pagults of weekly	inspection	and	actions	taken:
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HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 5-4-98 to 5-10-98

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CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 416-252 243

VICKSDURG
chemical company

Mr. Jerry Banks, Chief Hazardous Waste Division Bureau of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385

May 6, 1998

Re: Cedar Chemical Corporation, MSD 990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Seventy-Three

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell

Director of Env. Affairs

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RECEIVED MAY 2 0 MM

STB: pc

xc: Mr. Miles

Mr. Keen

Mr. Malone, Apperson, Crump

Mr. Karkkainen, Woodward-Clyde

File

The Potassium People



Dr. Judy Sophianopoulos Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV 100 Alabama Street, SW Atlanta, Georgia 30303

May 6, 1998

Re: Cedar Chemical Corporation, MSD990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Seventy-Three

Dear Dr. Sophianopoulos:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Seventy-Three, for the month of April, 1998. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill following sediment placement from the cleaning of the "C" Pond within the South Pond (SWMU 2) has been very good. Warm season grasses are re-appearing.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None.

Changes in Personnel

None

Projected Work for the Month

Preparation of a Corrective Measures Implementation Plan for the Old Methyl Parathion-Old MSMA Plant Area (SWMUs 11, 12 and 15) is underway. At present, the plan anticipates excavation, stabilization of the arsenic contamination with a cement kiln, fly-ash and iron compound formulation.

The Potassium People

Removal of contaminated concrete and soil from SWMUs 1 and 9 will continue as needed. Removal of material from the old "Temporary Unit" was not performed during the previous month, but is anticipated in order to further use the unit for treatment of the floor material from SWMUs 1 and 9 in the coming month. Use of the material after removal will be for filting eroded areas adjacent to the Temporary Unit and within the drainage collection leading to the South Pond.

Results of Sampling and Analysis Activities during the Report Period

Results from sampling in SWMU 11, 12 & 15 (Former Methyl Parathion Plant and Mono-Sodium Methane Arsonate Plant) were submitted to USEPA and MSDEQ at month's end.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell Director of Env. Affairs

Bornell

STB: pc

xc: Mr. Miles

Mr. Malone, Apperson, Crump, Duzane & Maxwell

Mr. Karkkainen, Woodward-Clyde

Mr. Jerry Banks, MSDEQ

File

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HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 4-20-98 TO 4-26-98

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Results of inspection South Fond - Record level daily, keep a minimum freecoard of two feet. Inspect dike daily for washing, simily, sloughing. Report faster than normal loss of livel immediately to Maintenance and Environmental. Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive. DATE POND LEVEL INITIALS HAINTAN Report needs for corrective action to: Maintenance Planne Shift Superisor South Plant Superv Environmental Dept 4/19/4/19/4/19/4/19/4/19/4/19/4/19/4/19	Check dates, fighting equ	1/12/1	spected by	i fire
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esults of weekly inspection and actions taken:	4/13/58 4/15/98 4/16/98 4-18-98 4-19-98	3'11" 3'9"		Haintenance Planner Shift Superisor South Plant Supervis Environmental Dept.

FOR THE WEEK OF $\frac{7-3-38}{2-38}$ TO $\frac{3-32-38}{2-38}$

1.	Drums	in s	90	Day	Storage	e -	Insp	ect	wee	kly	for	leaks.
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Results of inspection SOOL

2. South Pond - Record level daily, keep a minimum freecard of two feet. Inspect dike daily for washing, saiding, sloughing. Report faster than normal loss of level immediately to Haintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

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4-9-94	4171	S. Ser
4-10-28	46"	Ju
4-11-08	4.4"	No.
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Report needs for corrective action to:

Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Results of weekly inspection and actions taken:

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HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 3.30.18 TO 4-5-90

Date in Results	of inspection		* · · · · · · · · · · · · · · · · · · ·
			
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mowing w	eek for build-up or dike in a flood. I hen grass height is	Write a work ord	ier for grass
	hen grass height is	Fite a work ord s excessive. INITIALS	ier for grass
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DATE -30 -3/ -/ 2	hen grass height is POND LEVEL 4'8" 1/10" 1/1" 5'1" 5'3"	INITIALS Blow Blow Blow Blow Blow Blow Blow	Report needs for corrective action to: Maintenance Planner Shift Superisor South Plant Supervi

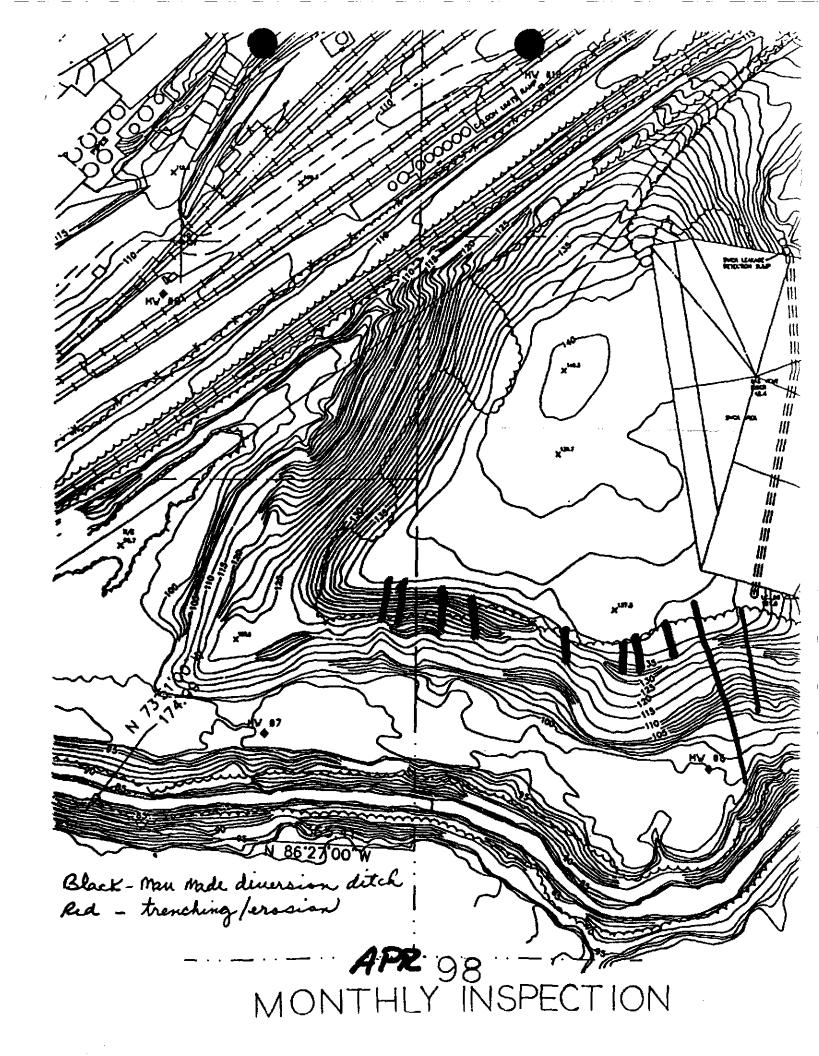
Memo To: Steve Boswell

May 5, 1998

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has been disked and levelled with top soil being incorporated in with the disking. There is no evidence of discolored soil at this time. Grass growth has been very good, as has the uniformity of the grass coming up in all areas of the surface.



RECEIVED

APR - 6 1998

Dept. of Environmental Quality
Office of Pollution 2

Mr. Jerry Banks, Chief Hazardous Waste Division Bureau of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385

April 2, 1998

Re: Cedar Chemical Corporation, MSD 990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Seventy-Two

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

tun T. Bornell

Steven T. Boswell Director of Env. Affairs

STB: pc

xc: Mr. Miles

Mr. Keen

Mr. Maione, Apperson, Crump

Mr. Karkkainen, Woodward-Clyde

File



Ms. Jeaneanne Gettle, Acting Chief Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV 100 Alabama Street, SW Atlanta, Georgia 30303

April 2, 1998

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Seventy-Two

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Seventy-Two, for the month of March, 1998. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill following sediment placement from the cleaning of the "C" Pond within the South Pond (SWMU 2) has been very good. Rye grass has grown thickly as a winter cover.

Summary of Changes made to the IM and RFI during the Reporting Period

The Vicksburg site has received designation for a Corrective Action Management Unit located in the "South Plant." From time to time, Cedar will place contaminated soils and media (such as concrete) in the unit for storage prior to treatment or disposal. The contaminants present are those typical of the site, dinoseb, toxaphene and atrazine. Some media contaminated with arsenic may be produced from interim measures expected in SWMU 11,12 and 15 (the former mono-sodium methane arsonate plant and former methyl parathion plant.)

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None.



Changes in Personnel

None

Projected Work for the Month

Preparation of a Corrective Measures Implementation Plan for the Old Methyl Parathion-Old MSMA Plant Area (SWMUs 11, 12 and 15) is underway. At present, the plan anticipates excavation, stabilization of the arsenic contamination with a cement kiln, fly-ash and iron compound formulation.

Removal of contaminated concrete and soil from SWMUs 1 and 9 will continue as needed. Removal of material from the old "Temporary Unit" was not performed during the previous month, but is anticipated in order to further use the unit for treatment of the floor material from SWMUs 1 and 9 in the coming month.

Results of Sampling and Analysis Activities during the Report Period

Submittal of results from sampling in SWMU 11, 12 & 15 (Former Methyl Parathion Plant and Mono-Sodium Methane Arsonate Plant) is awaiting one final set of data from the last sample taken. Preliminary data indicated the need for further sampling. A draft Corrective Measures implementation Plan is being prepared by Cedar's consultant, Woodward-Clyde. The report of sampling and the CMIP will be submitted together.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell Director of Env. Affairs

STB: pc

xc: Mr. Miles

Mr. Malone, Apperson, Crump, Duzane & Maxwell

Mr. Karkkainen, Woodward-Clyde

Mr. Jerry Banks, MSDEQ

File

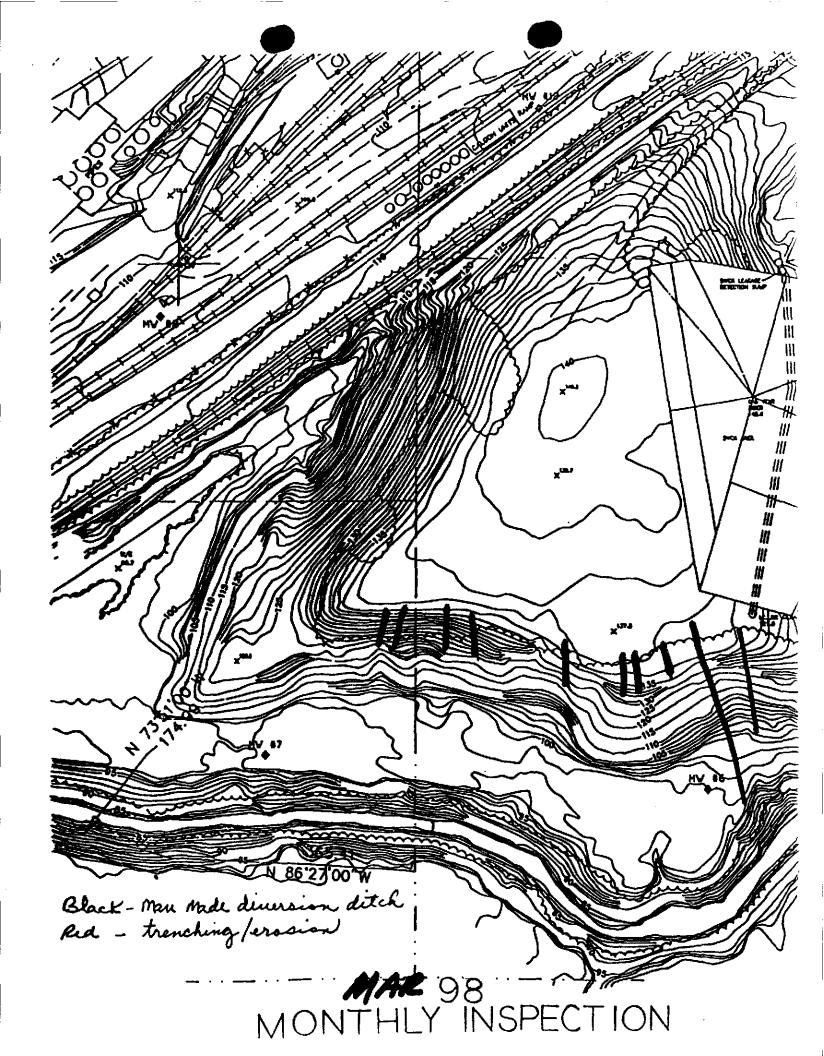
Memo To: Steve Boswell

April 4 1998

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has been disked and levelled with top soil being incorporated in with the disking. There is no evidence of discolored soil at this time. Grass growth has been very good, as has the uniformity of the grass coming up in all areas of the surface.



HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 3.30-98 TO 4-5-98

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Results	of inspection	oh	
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mowing w	hen grass height is	Fite a work ord s excessive. INITIALS	er for grass
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4-1 4-2	4'11"	86 W	Maintenance Planner Shift Superisor South Plant Supervisor
4-3			Environmental Dept.
y-5			· ·
Aeulta af a	veekly inspection a		n:

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 3-23-98 TO 3-29-98

1.	Drums	in	90	Day	Storage	<u> </u>	Ins	pect	wee	kly	for	leaks.
					beling,							
•	fighti	ng	equ	uip.								

Date inspected 3-23-98	Inspected by
Results of inspection	9006

2. South Pond - Record level daily, keep a minimum friedcard of two feet. Inspect dike daily for washing, sailing, sloughing. Report faster than normal loss of livel immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass nowing when grass height is excessive.

INITIALS	POND LEVEL	DATE
- 60	4 '0"	3-23-98
68	4'1"	3-24-98
50	4'0"	3-25-98
68	4'3"	3-26-98
02	4 '4 "	3-27-98
B60	4.44	3-28-98
360	4'8"	3-29-98
	4'3"	3-25-98 3-26-98 3-27-98 3-28-98

Report needs for corrective action to:

Haintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

3-23-98 - Risin line chad of 2

Results	of	weekly	inspection	and	actions	takeni

good - n	, washes.	
7		
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HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 3-16 TO 3-22-98

Results	of inspection	Inspected by	
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of two for		daily for washi: than normal loss	ng, sal.ing, of 1:701
against d	ek for build-up of the in a flood.	Write & work ordi	
DATE	POND LEPEL	TURNA	(
3-16-38	A Y		Report needs for
7 . 4 . 4		WED	corrective action to:
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	310	y and	Haintenance Planner
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3-18-98 3-19-88	3.5"	White The state of	Shift Superisor South Plant Superviso
3-18-98 3-19-88 3-20-98 1-21-98	3 '5"	Con Sold Sold Sold Sold Sold Sold Sold Sold	Shift Superisor South Plant Superviso
3-18-98 3-19-98 3-20-98 1-21-98		To the state of th	Shift Superisor South Plant Superviso
3-18-88 3-19-88 3-20-58 3-21-98			Shift Superisor South Plant Supervisor Environmental Dept.

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 3-9-98 to 3-15-98

	inspection	-	
	<u>G</u> 29	<u> </u>	
f two feet loughing. mmediately	Report faster to to Maintenance	han normal less and Environment debris which c	of 1 701 al. ould hold water
DATE	SORD PEARF	INTELLE	
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11-98		fu	Maintenance Planner Shift Superisor
12-98		1	South Plant Supervise Environmental Dept.
13-98	4'0"	- July	-)
14-98	811	1 Exp	\Rightarrow
	g.du	1. KK.	
	f two feet loughing. mediately heck creek gainst discoving when by the second s	outh Pond - Record level of two feet. Inspect dike loughing. Report faster in mediately to Maintenance heck creek for build-up of gainst dike in a flood. It owing when grass height is bars Pows Level. 9-98 5'5" 10-98 5'1" 11-98 4'50 13-98 4'50	outh Pond - Record level daily, keep a mif two feet. Inspect dike daily for washi loughing. Report faster than normal least maddately to Maintenance and Environment heck creek for build-up of debris which contains the in a flood. Write a work ordinary when grass height is excessive. DATE FORD LEVEL INSTITUTE 9-98 5'5" 10-98 5'1" 11-98 4'5"

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 3.2.18 to 3.8.48

1.	Drums in 90 Day Storage - Inspect weekly for	leaks.
	Check dates, labeling, no. of drums, access,	fire
	fighting equip.	

Results of inspection Ok. NO Decai

2. South Pond - Record level daily, keep a minimum friendard of two feet. Inspect dike daily for washing, sailing, sloughing. Report faster than normal loss of livel immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POWD LEVEL	Initials
3.2-91	5.10.	36W
3.3.98	5 16"	ABN _
3.4.98	5'0"	Bhw
3.5-98	5'10"	Blu
3-6-98	5.6"	FGN
3-7-91	5'41'	Jones
3-8-98	4'1"	Jan

Report needs for corrective action to:

Maintenance Planner
Shift Superisor
South Plant Supervisor
Environmental Dept.

Results	of	weekly	inspection	and	actions	taken:
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KIVER	LINE	ok @	51%	3-2-98	
			<u>.,</u>		

	Date ins	equip. pected 2-23-98 Incoming Good	spected by <u>C</u>	3
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	Check cre	ek for build-up of	debris which	ould hold water
	nowing wh	ike in a flood. Wr en grass height is	excessive.	er for drass
	nowing wh	en grass height is	excessive.	er for drass
2.	mowing wh	en grass height is	excessive.	. Report needs for
	DATE	en grass height is	excessive.	
2-	DATE 23-98	POND LEVEL 5'/0"	excessive.	Report needs for corrective action to:
2- 2-	DATE 23-98 24-98 25-98	en grass height is FORS LEVEL 5 '5" 4'10"	excessive.	Report needs for corrective action to: Haintenance Planner Shift Superisor
2- 2-' 2-2	DATE 23-98 24-98 25-98	ross height is FORD LEVEL 5 '5"	excessive.	Report needs for corrective action to: Haintenance Planner
2-1 2-1 2-1	DATE 23-98 24-98 25-98	en grass height is FORS LEVEL 5 '5" 4'10"	INITIALS OF OF OF OF OF OF OF OF OF O	Report needs for corrective action to: Haintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.
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2-1 2-1 2-2 2-3 2-3	DATE 23-98 24-98 25-98 37-98 18-98 1-98	en grass height is 5 '5" 4' 10" 4' 10" 5' 1" 5' 1"	INITIALS ON ON ON ON ON ON ON ON ON O	Report needs for corrective action to: Haintenance Planner Shift Superisor South Plant Supervisor Environmental Dept. 2-23-98 Sh + 58° de 2-25-98 Sh + 58° de
2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-	DATE 23-98 24-98 25-98 6-98 1-98 ults of w	en grass height is FUND LEVEL 5'5" 4'10" 4'10" 5'1" 5'1" 5'1" eekly inspection and	INITIALS OF STATES Bhu Bhu Constakes	Report needs for corrective action to: Haintenance Planner Shift Superisor South Plant Supervisor Environmental Dept. 2-23-98 Sh + 58° de 2-25-98 Sh + 58° de

Mr. Jerry Banks, Chief Hazardous Waste Division Bureau of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385 HECEIVED
MAR 1 1 1998
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March 6, 1998

Re: Cedar Chemical Corporation, MSD 990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Seventy-One

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

xc: Mr. Miles

Mr. Keen

Mr. Malone, Apperson, Crump

Mr. Karkkainen, Woodward-Clyde

File

Steven T. Boswell Director of Env. Affairs

T. Boswell



Ms. Jeaneanne Gettle, Acting Chief Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV 100 Alabama Street, SW Atlanta, Georgia 30303

March 10, 1998

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Seventy-One

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Seventy-One, for the month of February, 1998. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill following sediment placement from the cleaning of the "C" Pond within the South Pond (SWMU 2) has been very good. Rye grass has grown thickly as a winter cover.

Summary of Changes made to the IM and RFI during the Reporting Period

The Vicksburg site has received designation for a Corrective Action Management Unit located in the "South Plant." From time to time, Cedar will place contaminated soils and media (such as concrete) in the unit for storage prior to treatment or disposal. The contaminants present are those typical of the site, dinoseb, toxaphene and atrazine. Some media contaminated with arsenic may be produced from interim measures expected in SWMU 11,12 and 15 (the former mono-sodium methane arsonate plant and former methyl parathion plant.)

At this writing, concrete floor surface cleaning in SWMU 1 and SWMU 9 has produced approximately 50 yd³ of concrete debris. This material has been placed in the area of the old Dinoseb and Toxaphene Plants (SWMUs 7 and 14) where contamination from previous operations exists. About 150 yd³ of other demolition debris is present for an approximate total of 200 yd³. A tarpaulin has been provided to cover the material and is anchored with concrete debris.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None.

Changes in Personnel

None

Projected Work for the Month

Removal of contaminated concrete and soil from SWMUs 1 and 9 will continue as needed. Removal of material from the old "Temporary Unit" is anticipated in order to further use the unit for treatment of the floor material from SWMUs 1 and 9.

Results of Sampling and Analysis Activities during the Report Period

Sampling in SWMU 11,12 & 15 (Former Methyl Parathion Plant and Mono-Sodium Methane Arsonate Plant) was performed on January 8 through 10, 1998. Further sampling was performed February 2 through 11, 1998, to define extents of arsenic contamination. Samples of concrete, soil and sump and drain sediments were obtained. Preliminary data indicated the need for further sampling. Mr. Kevin Posey of the MSDEQ was present to observe the activity. The report of sampling and analytical work has been completed and will be forwarded under separate cover.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell Director of Env. Affairs

STB: pc

xc: Mr. Miles

Mr. Malone, Apperson, Crump, Duzane & Maxwell

Mr. Karkkainen, Woodward-Clyde

Mr. Jerry Banks, MSDEQ

File

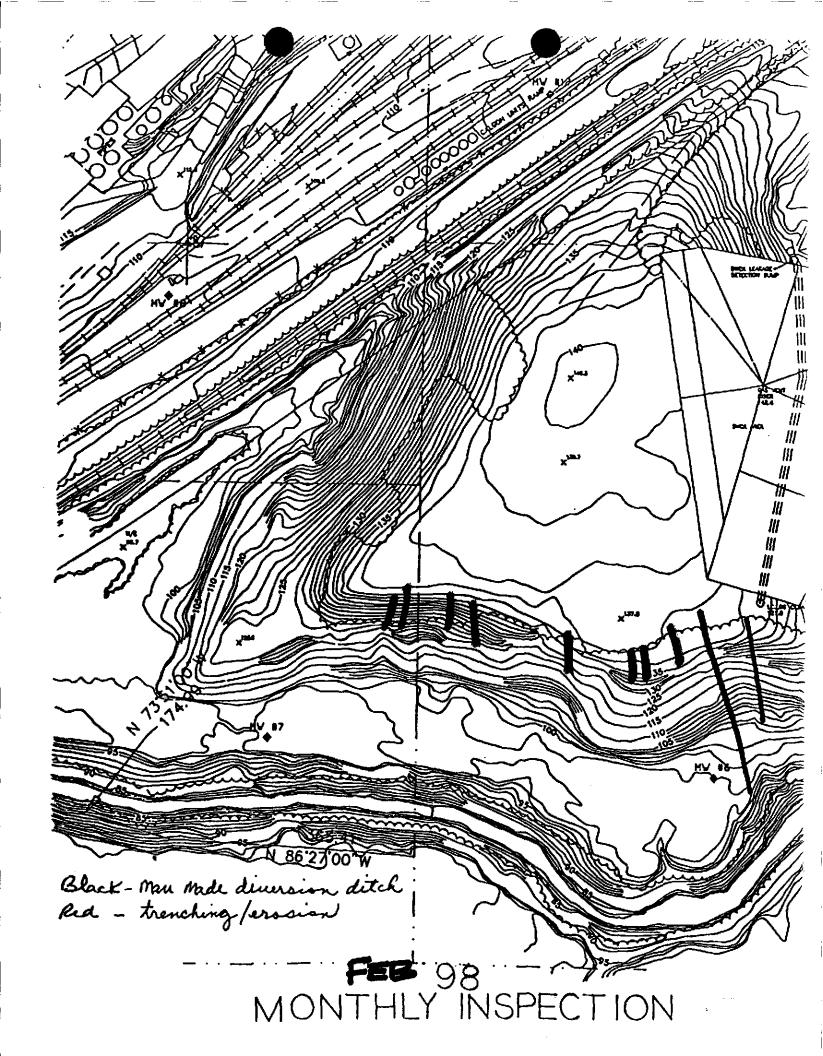
Memo To: Steve Boswell

March 10, 1998

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has been disked and levelled with top soil being incorporated in with the disking. There is no evidence of discolored soil at this time. Grass growth has been very good, as has the uniformity of the grass coming up in all areas of the surface.



HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 2-23-16 TO 3-1-98

-	fighting Date insp	pected <u>2-23-98</u> In	of drums, acce	ss, fire				
	Results	of inspection 9000	1 No day	Lung				
2.	South Pond - Record level daily, keep a minimum freecard of two feet. Inspect dike daily for washing, sailing, sloughing. Report faster than normal loss of livel immediately to Maintenance and Environmental. Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass							
		en grass height is	evessite.					
	DATE	POND LEVEL	Initials					
2.	23 -98	Pond Level 5'/0"	INITIALS	Report needs for				
	_		INITIALS	Report needs for corrective action to:				
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2- 2-:	23-98 24-98	5 '5" 4 ' 10"	INITIALS OF OF OF OF OF OF OF OF OF O	corrective action to: Maintenance Planner Shift Superisor				
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2-2	23-98 24-98 25-98 6-98	5 '5" 4 ' 10"	03 03 03 03	Corrective action to: Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.				
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2-2-2-2-2-2-2-2	23-98 24-98 25-98 6-98 37-98 1-98 ults of we	5'/0" 5'5" 4'/0" 6'/" 5'/" 5'/"	Bhw Bhw actions takes	Corrective action to: Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept. 2-23-98 Luen Jene J 54? ok 2-25-98 oh + 58°, ok				

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 2-16-98 TO 2-22-98

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_	f inspection	100d	
of two fe sloughing immediate Check cre against d	<pre>d - Record level d et. Inspect dike . Report faster t ly to Maintenance ek for build-up of ike in a flood. W</pre>	daily for wash: han normal loss and Environment debris which co	ng, salving, of livel al. ould hold water
mowing wh	en grass height is POND LEVEL	excessive.	
2-11-91	410"	W.	Report needs for
2-17-18	53	Le de	corrective action to:
2.18-98	5'10"	GO KING	Maintenance Planner
4.19.98	511"	The	Shift Superisor South Plant Superviso
-20.99	6'	Da	Environmental Dept.
1-21-98	61"	08	
2-22-94	6'6"	By	
esuits of w	eekly inspection a	nd actions takes	n: 17 C Pod

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 2-9 TO 2-15-98

	inspection	G 000	
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inmediate	ly to Haintenance	Ashris which C	ould hold water
- sasinet di	the in a flood. We have grass height is	LIES W MOTY OFF	er for grass
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2-11-78	2'6"	her	South Plant Superviso
2-11-78 2-12-98		- Ju	South Plant Supervisor Environmental Dept.
1-10-98 2-11-78 2-12-98 2-13-98 2-14-98	2'6"	26 W	South Plant Superviso
2-11-78 2-12-98 2-13-98 2-14-98	2'6" 3'4" 4'1"		South Plant Superviso
2-11-78 2-12-98 2-13-98 2-14-98 2-15-98	2'6"	War	South Plant Supervisor Environmental Dept.

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 2-2-98 to 2.8-98

1.	Drums in 90 Day Storage - Inspect weekly for	leaks.
-	Check dates, labeling, no. of drums, access,	
•	fighting equip.	

Date inspected 2.2.98	Inspected by Bhw
Results of inspection	600d

2. South Pond - Record level daily, keep a minimum freecard of two feet. Inspect dike daily for washing, saining, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE 2.2. 18	POND LEVEL	initials Bhw
23.98	4'0"	BhV
2-4-98	4'0"	BhW
2.5.98	3'11"	Blw
2.6-98	4'3"	36 W
2-7-98	4121	du
2-8-98	4'0'	Car

Report needs for corrective action to:

Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept.

Results of weekly inspection and actions taken:

2-3-98	e	0800	RIVER	LINE	ok	@	58	 	
2-6-98	e	0906	RIVER	LIME	oK	e	12'		
						· -	'		

HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 1-24-98 TO 2-1-98

1-30-98 4'5" Blu 1-29-98 1-30-98	Date ins	90 Day Storage tes, labeling, no equip. pected /-16-98	Inspected by	for leaks. less, fire			
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Report needs for corrective action to: 1-28-98 1-29-98 1-29-98 1-30-98		_	INITIALS				
1-28-98 4'7" 1-29-98 4'6" 1-30-98 4'5" 1-31-98 4'5" 1-31-98 3'8" 1-30-98 - River line on 58			for	Report needs for			
1-29-98 4'6" 1-30-98 4'5" South Plant Supervisor Environmental Dept. 1-31-98 4'5" Blu 1-29-98-Rwey line Ax 56 1-30-98-Rwey line Ax 58 1-30-98-Rwey line Ax 58 1-30-98-Rwey line Ax 58				corrective action to:			
1-30-98 4'5" Blu 1-29-98 River line of 58 1-30-98 Inspection and actions taken:		7 / "		. Maintenance Planner			
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FEB 1 1 1998

Dept. of Environmental Quality
Office of Pollution Control

Mr. Jerry Banks, Chief Hazardous Waste Division Bureau of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385

February 10, 1998

Re: Cedar Chemical Corporation, MSD 990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Seventy

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell Director of Env. Affairs

STB: pc

xc: Mr. Miles

Mr. Keen

Mr. Malone, Apperson, Crump

Mr. Karkkainen, Woodward-Clyde

File



Ms. Jeaneanne Gettle, Acting Chief Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV 100 Alabama Street, SW Atlanta, Georgia 30303

February 10, 1998

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Seventy

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Seventy, for the month of January, 1998. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill following sediment placement from the cleaning of the "C" Pond within the South Pond (SWMU 2) has been very good. Rye grass has grown thickly as a winter cover.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None.

Changes in Personnel

None

Projected Work for the Month

See below in "Results of Sampling and Analysis..."

Results of Sampling and Analysis Activities during the Report Period

Sampling in SVMU 11,12 & 15 (Former Methyl Parathion Plant and Mono-Sodium Methane Arsonate Plant) was performed on January 8 through 10, 1998. Samples of concrete, soil and sump and drain sediments were obtained. Preliminary data indicated the need for further sampling. The sampling is in progress as this report is being written. Mr. Kevin Posey of the MSDEQ was present to observe the activity. A report of the initial sampling is expected to be received by mid-February and will be submitted to the USEPA and MSDEQ.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell

Director of Env. Affairs

Fin T. Bonell

STB: pc

xc: Mr. Miles

Mr. Maione, Apperson, Crump, Duzane & Maxwell

Mr. Karkkainen, Woodward-Clyde

Mr. Jerry Banks, MSDEQ

File

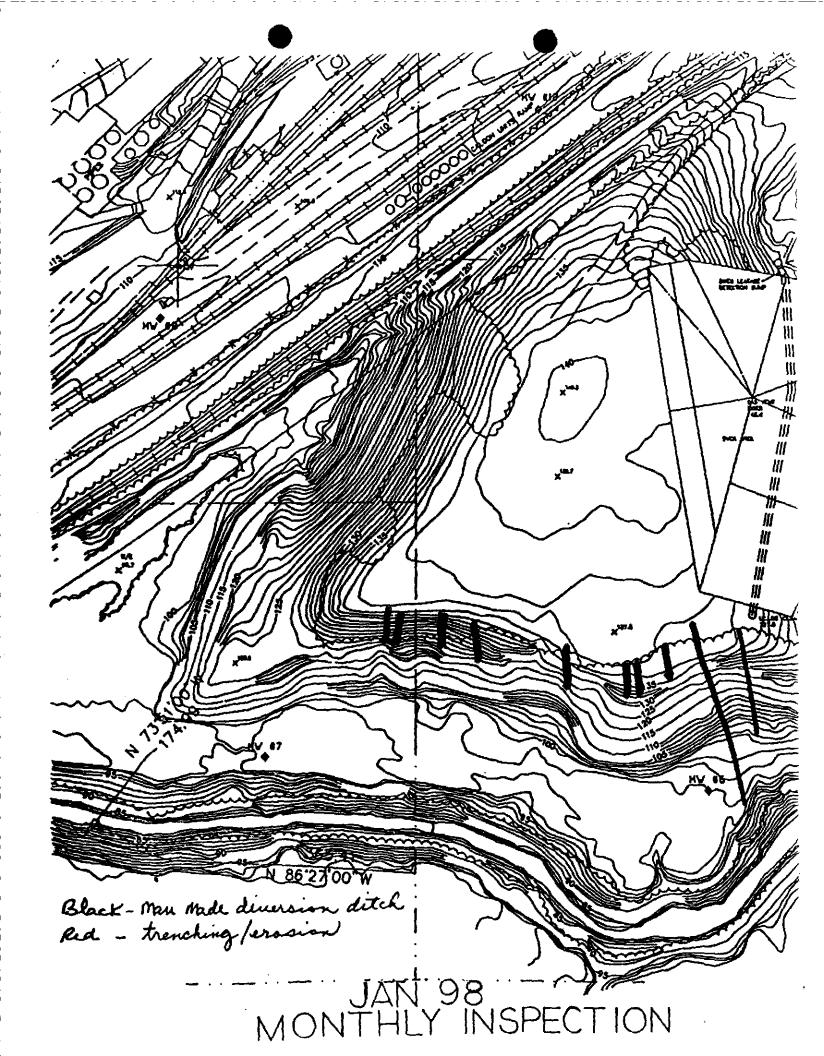
Memo To: Steve Boswell

February 4, 1998

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has been disked and levelled with top soil being incorporated in with the disking. There is no evidence of discolored soil at this time. Grass growth has been very good, as has the uniformity of the grass coming up in all areas of the surface.



HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF $\frac{1-26-98}{2}$ TO $\frac{2-1-98}{2}$

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DATE 1-26-98 1-27-98 1-28-98	POND LEVEL 4'3' 4'2" 4'7"		corrective action to: Maintenance Planner
DATE 1-26-98 1-27-98 1-28-98 1-29-98	90ND LEVEL 4'3' 4'2" 4'7" 4'6"		Corrective action to: Maintenance Planner Shift Superisor South Plant Supervisor
DATE 1-26-98 1-27-98 1-28-98 1-29-98 1-30-98	POND LEVEL 4'3' 4'2" 4'7" 4'6" 4'5"		corrective action to: Maintenance Planner Shift Superisor
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HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 1-5-98 to 1-11-48

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HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF 12-2997 TO 1-4-98

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Mr. Jerry Banks, Chief Hazardous Waste Division Bureau of Pollution Control MS Dept. of Env. Quality P.O. Box 10385 Jackson, MS 39289-0385 PECEIVED

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January 8, 1998

Re: Cedar Chemical Corporation, MSD 990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Sixty-Nine

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

STB: pc

xc: Mr. Miles

Mr. Malone, Apperson, Crump Mr. Karkkainen, Woodward-Clyde

File

Steven T. Boswell Director of Env. Affairs



Ms. Jeaneanne Gettle, Acting Chief Waste Compliance Section RCRA and FF Branch U.S. EPA, Region IV 100 Alabama Street, SW Atlanta, Georgia 30303

January 8, 1998

Re: Cedar Chemical Corporation, MSD990714081 Consent Decree and RCRA Facility Investigation Progress Report Number Sixty-Nine

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Sixty-Nine, for the month of December, 1997. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill following sediment placement from the cleaning of the "C" Pond within the South Pond (SWMU 2) has been very good. Rye grass is beginning to emerge as a winter cover.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None.

Changes in Personnel

None

Projected Work for the Month

Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared. Pending receipt of EPA's approval on the recently submitted investigation of SWMUs 1, 15 & 16, and proposal to establish a Corrective Action Management Unit, work in those areas could begin. A meeting to receive comment and questions from the public concerning this application was held Tuesday, December 9, 1997, from 5:30 pm until 7:30 pm at the City of Vicksburg Public Library. Notice of the meeting was published in the Vicksburg Evening Post on Wednesday, November 19, 1997. We are now in the waiting period for public comment on this application.

Results of Sampling and Analysis Activities during the Report Period

None.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell

Director of Env. Affairs

STB: pc

xc: Mr. Miles

Mr. Maione, Apperson, Crump, Duzane & Maxwell

Mr. Karkkainen, Woodward-Clyde

Mr. Jerry Banks, MSDEQ

File

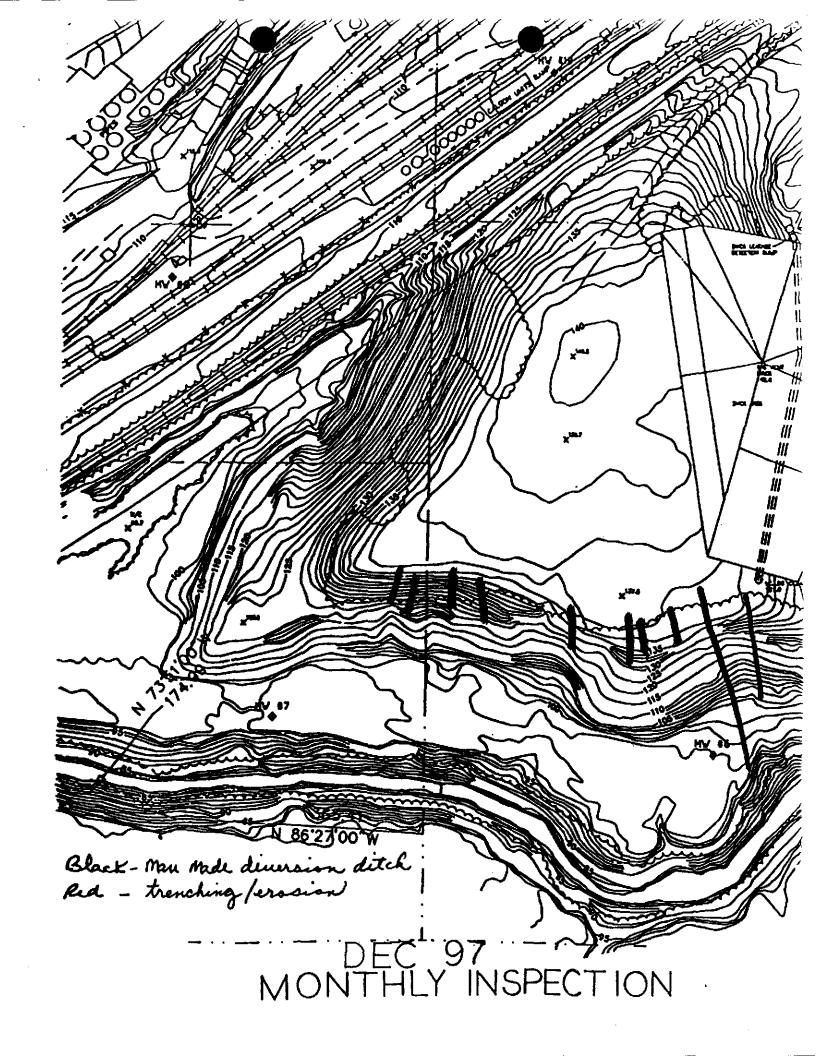
Memo To: Steve Boswell

January 7, 1998

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has been disked and levelled with top soil being incorporated in with the disking. Water from the South Pond Units was put on the surface of the landfill to add mositure and nutrients to help promote the growth of vegetation on the surface. There is no evidence of discolored soil at this time. Grass growth has been very good, as has the uniformity of the grass coming up in all areas of the surface.



HAZARDOUS WASTE AREA INSPECTION SHEET FOR THE WEEK OF /2-/-97 TO /2-7-97

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HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 12-8-11 TO 12-14-97

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FOR THE WEEK OF 12.22-97 TO DAY Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip. Date inspected 12.22-97 Inspected by W. WAIKER Results of inspection OO DAY South Pond - Record level daily, keep a minimum freecoard of two feet. Inspect dike daily for washing, sailing, sloughing. Report faster than normal loss of livel immediately to Maintenance and Environmental.	
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Report needs for corrective action	
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HAZARDOUS WASTE AREA INSPECTION SHEET

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Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

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1-3-98	4'5"	Bhw
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Report needs for corrective actions to:

Maintenance Planner Shift Superisor South Plant Supervisor Environmental Dept:

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